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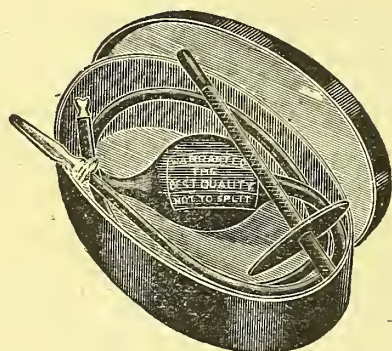
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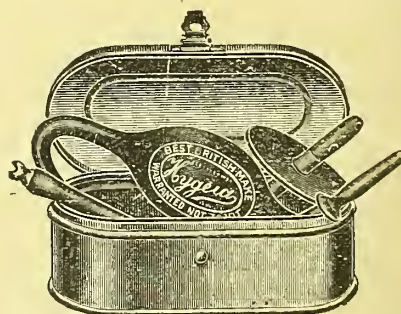
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will occupy large
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In the Tube with the Wheel Cap.

The Wheel Cap is quite new. Owing to its size, equal to half-a-crown, it is easy to unscrew and difficult to lose. It enables you to stand the tube on end like a shaving stick.

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If you have not already received your trial tube of GIBBS SHAVING CREAM send a postcard to-day. See for yourself what a wonderfully clean and comforting shave you get.

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Silkum Corn Remedy does mean quick sales for you. You will find that customers who have tried it once become regular users and they also introduce their friends.

SALES

Every packet contains a good sized strip of plaster, also adhesive discs to hold the plaster in position. The results from a display of Silkum are always consistently good, and it should be displayed very frequently from now until the Autumn. There are scores of people in your own district who are looking for a reliable corn remedy. Why not let your window be the one they find it displayed in? Silkum is a most reliable remedy, and hundreds of thousands of packets have already been sold. It is easy to use, safe and reliable.

DISPLAY

With all orders for one gross or over we send you free our unique and attractive window display. It arrests and keeps the attention of the passers-by, that they feel they must make a purchase. Why not give it a trial—test its pulling power for yourself? Do this, and before you know where you are you will be handing out packets of Silkum over your counter.

PROFITS

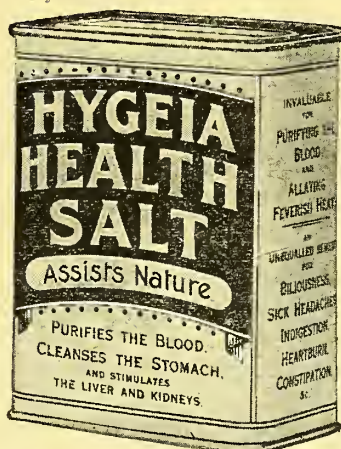
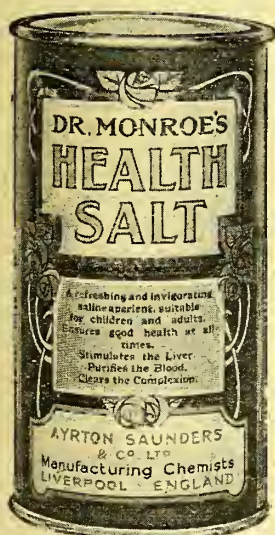
Silkum is undoubtedly the line for big business and your profit is really excellent. Put in a display now—you will catch the trade at its height. Prices 4/3 doz., 4/- doz. gross lots. 7½d. Retail.



 W. B. CARTWRIGHT LTD.
RAWDON NEAR LEEDS

Effervescents

We offer only the finest quality—a quality worthy of the man with Ph.C. or M.P.S. after his name.



Sample of any pack, and list of many other styles sent on request.

Dr. Monroe's Health Salt.	Enjoys wide popularity	Per doz. 6/6; per gross 75/-
Hygeia Health Salt	.. .. .	Per doz. 6/-; per gross 69/-
Effervescing Health Salt (Red Shield)	.. .. .	Per doz. 5/3; per gross 60/-
"Century" Fruit Saline.	Beautifully cartoned 4 oz. 10/3; 6 oz. 12/6; 8 oz. 14/6 per doz.	
Fruit Saline.	Finest quality, metal capsuled .. 4 oz. 8/3; 6 oz. 10/6; 8 oz. 12/- per doz.	
Carlsbad Salts.	Beautifully cartoned (4 oz.) per doz. 11/-; per gross 126/-	
Effervescent Morning Powder.	(Cartoned) (6 oz.) per doz. 11/6; per gross 132/-	

Citrate of Magnesia.

(Finest quality only.)

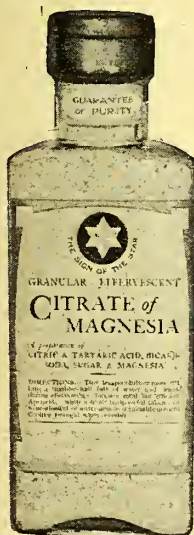
In plug-stoppered Cheltenham	4 oz. 6 oz. 8 oz. 12 oz.
per doz.	6/9 8/3 9/9 —
In kalis, with B.T. corks	5/9 7/- 8/3 10/6
In kalis, plain corks, capsuled	5/3 6/6 8/- 10/-

(In all cases the fluid capacity of bottle is intended.)

Each of the Citrate of Magnesia packs is available in the "Reservable Series" of labels, with Chemist's own name (Star, Mortar, Anchor, and Purple Key).

LIBERAL SHOWMATTER
WITH EACH ORDER.

Special packs for export—particulars on application.



AYRTON, SAUNDERS & CO. Ltd.

34 Hanover St.

Telegrams:
"Sundries
Liverpool."

LIVERPOOL.

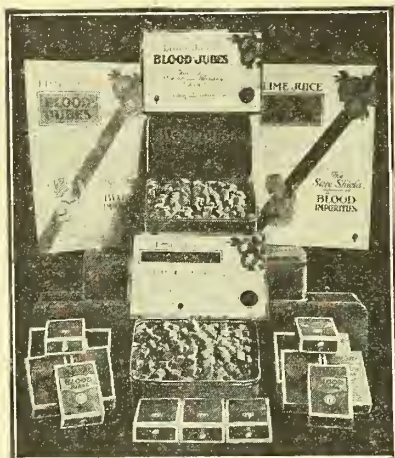


THOS. GUEST & CO. Ltd.

ANCOATS - - MANCHESTER

London Depot : 1 Swan St., Minories, E.1

Telephone : Avenue 6255



LIME-BLOOD JUBES

Packed in 4-lb. Tins, printed in 5 Colours, with Show Matter and Cartons.



HEALTH SALT SALINES CITRATES

TRADE MARK

THE
MARK



OF
EXCELLENCE

P.A.T.A. NOTICE

18 Tavistock Square,
LONDON, W.C.1.
May 3, 1924.

The following terms have been approved by the Council:

LLATAI TOILET CO.

Window Display Terms :

A discount of 5% will be allowed to retailers for a window display of from 10 to 14 days, on parcels value £3.

Orders for window display parcels may be sent through wholesalers.

Manufacturers of TOILET and PERFUMERY articles of a Proprietary character, sold largely in the Drug Trade, are cordially invited to place these preparations on the Protected List.

All enquiries on the subject to the Secretary (Sir S. WILLIAM GLYN-JONES) will be promptly attended to.

GARDINERS

ARE THE CHEAPEST,
THE MOST RELIABLE
AND FINEST VALUE

OVERALLS

in the Trade for

CHEMISTS & DRUGGISTS

WHITE DRILL JACKETS	.. .. 6/11, 8/11, 10/6
KHAKI DRILL COATS	.. 7/11, 10/6, 12/6, 14/6, 16/6
WHITE DRILL COATS	.. .. . 10/6
BLACK DRILL COATS	.. .. . 15/6, 18/6
UNBLEACHED COATS	.. .. . 8/11

Postage on Coats 9d. each.

STOCK SIZES : 34 to 44 chest ; measure over waistcoat. Special pockets and little adjustments can be made without extra charge.

POST ORDERS promptly executed by experienced staff. Postage on single coat 9d., but 20/- orders upwards carriage paid. Samples sent and special quotations for quantities.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.

1, 3, 5 COMMERCIAL ROAD, LONDON, E.1.
Tel. : Avenue 6650.

BRANCHES : Broadway, Deptford, S.E.8 ; Edgware Rd., W. ; 33-37 Hare St., Woolwich, S.E.18 ; 28-32 St. John Rd., Clapham Junction, S.W.11 ; Corner Brompton Rd., Knightsbridge, S.W.1.



Be "in the Swing"!

Stock
MINERALSPRING

The Chemist's Own Effervescible—not supplied to the Grocery Trade—a thoroughly reliable preparation—long and vigorous effervescence—sparkling appearance—new bottle-and-carton pack—generous protected profit on stabilised retail price—national advertising campaign.

In 1/- & 2/- bottles, price 8/- & 16/- doz.

5 gross lots 7/6 & 15/- doz.

THOMAS KERFOOT & CO. LTD.
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

COPYRIGHT

Poudre

*in the sifter box
with puff*

One of the quickest sellers in your shop, and consequently one of the most profitable, is Poudre Nildé. Week in and week out the sales increase. Someone is getting new customers. Is it you?

Our advertising can only go half-way towards making new customers. The other half rests with you, and with your windows and counter.

We shall help each other considerably if you will link up with our Summer Advertising Campaign. Window and counter displays can do wonders. The profit on Poudre Nildé is generous and will pay you well for your efforts.

Made in six shades,
Rachel, Naturelle,
Blanche, Rose,
Basanée, Indienne.

Handbag size, 1/-.
Medium, 2/- Large, 3/6.

Leather or fancy embroidered Vanity Cases with mirror in lid.

Small size 5/- Medium 7/6. Large, 10/-.

**All Nildé preparations show
33 $\frac{1}{3}$ % profit on selling price**

SOLE AGENTS: NILDÉ (Paris) AGENCY LTD.

296, Regent Street, London, W.1

'Phone:
Mayfair
5282.



Nildé

*for the dressing table
in the new large box
without sifter or puff*

Specially manufactured to meet
the persistent demands of public
and trade.

P.A.T.A.
PRICE

1/6

In six shades : Rachel, Naturelle, Blanche, Rose, Basanée, Indienne.

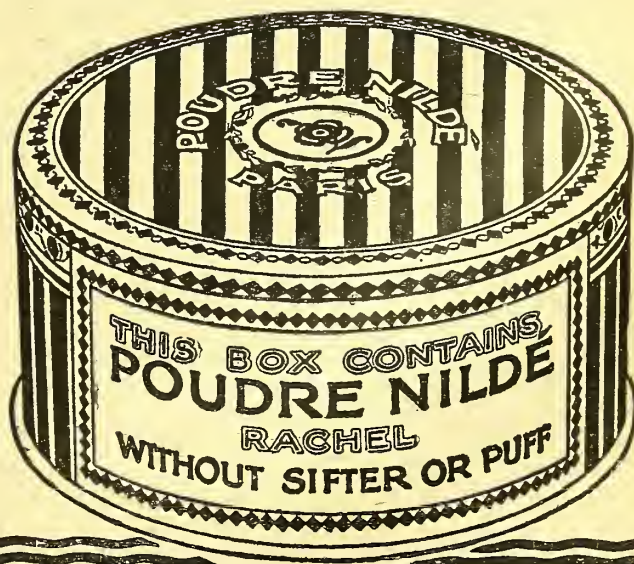
All Nildé pre-
parations show
33 $\frac{1}{3}$ % profit
on selling price

Sole Agents :

**NILDÉ (Paris)
AGENCY LTD.**

296, Regent Street,
London, W.1

'Phone : Mayfair 5282.



YOUR REPUTATION

rests on the dependability of every single line you sell.

Stock NUCTONE which is perfectly safe and always successful.

This guarantee is your protection.

NUCTONE is guaranteed entirely free from any combination of lead and sulphur, and contains no ingredients that can injure the hair. There is no fear of the after-development of pink or green shades, and colour restored by NUCTONE is unaffected by the action of either sea air or sea water.

NUCTONE restores colour gradually by the aid of light and air and the user is thereby saved the embarrassment following instantaneous hair dyes. The colour so restored is permanent and will not wash out. The degree of colour desired is under absolute control.

NUCTONE cannot possibly injure the hair. Read the guarantee above.

With these facts before you, it will be realised that NUCTONE stands alone in the market and has no real competitor. Grey-haired men and women who would never purchase ordinary hair-dyes will welcome the gradual colour-restoring treatment made possible by NUCTONE which thereby opens up entirely new sales possibilities.

Showcards and explanatory booklets for free distribution are furnished on request.

Nuctone

for GREY HAIR

Small size 3/9 per bottle. Trade terms 32/- per doz.

Large size 6/6 " " 52/- "

NUCTONE for dark and medium hair.

NUCTONE ECLAIRE for fair and auburn shades.

NUCTONE CONCENTRE for Gentlemen

Obtainable from:

HENRY C. QUELCH & Co. Ltd.

4, LUDGATE SQUARE, LONDON, E.C.4.

and other Wholesale Houses.

Manufactured by:

STEWART, GOODALL & DUNLOP, LTD.

4, Dering Street, London, W.1.

60

DEARBORN (1923) LTD.

37 Gray's Inn Road, London, W.C.1

Toilet Specialties.

	Price per doz. to Retailer	Selling Price P.A.T.A.
PILENTA SOAP ...	10/-	1/-
A complexion soap.		
PROLACTUM ...	10/-	1/-
For the lips.		
PARSIDIUM JELLY ...	10/-	1/-
For wrinkles.		
ALLACITE OF ORANGE		
BLOSSOM ...	22/6	2/6
A dressing cream.		
BORANIUM ...	22/6	2/6
A hair tonic.		
CLEMINITE ...	22/6	2/6
For a face lotion.		
COLLIANDUM ...	22/6	2/6
For a face tint.		
PERGOL ...	22/6	2/6
A deodorant.		
TEKKO PASTE ...	22/6	2/6
Camphor cream.		
STALLAX ...	22/6	2/6
For a shampoo.		
JETTALINE ...	31/6	3/6
For clearing the skin.		
PHEMINOL ...	36/-	4/-
A depilatory.		
MENNALINE ...	36/-	4/-
For the eyelashes.		
MERCOLIZED WAX ...	18/-	2/-
A face cream.	31/6	3/6
STYMOL ...	36/-	4/-
For oily complexions and blackheads.		
SILMERINE ...	22/6	2/6
Hair-curling fluid.		
BARSYDE ...	22/6	2/6
Dandruff eradicator.		
TAMMALITE ...	22/6	2/6
For grey and faded hair.		
LIQUID PERGOL ...	31/6	3/6
To check excessive perspiration locally.		
BICROLIUM ...	22/6	2/6
For whitening the hands.		
COCONOIDS ...	31/6	3/6
For figure development.		

The Products of

Messrs. PARKER, BELMONT & CO.

CLYNOL BERRIES ...	36/-	4/-
For obesity.	58/6	6/6
SOFT PALERIUM ...	45/-	5/-
For wrinkles.		
LIQUID NAIL POLISH ..	10/-	1/-
Brilliant and lasting.		

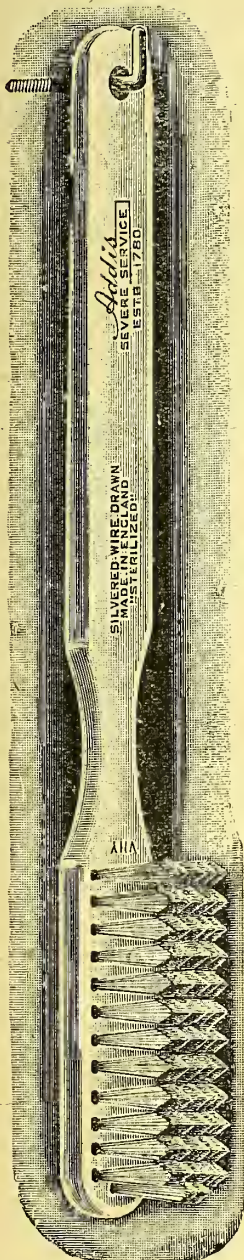
Stocked by ALL Wholesale Houses.

COLONIAL DEPÔTS AND AGENCIES.

Australia: ALL WHOLESALESAERS & DEARBORN (Australia), Ltd., Grace House, Clarence Street, Sydney.
South Africa: LENNON Ltd., Cape Town, etc.
 SIVE BROS. & KARNOVSKY, Johannesburg.
India: FRAMJEE & SON, Bombay.
 A. L. CHOUDRY, Calcutta.
New Zealand: SHARLAND & CO., Auckland and Wellington.
South America: DEARBORN (South America) Ltd., Calla Salta 264, Buenos Aires.
Straits Settlements & Federated Malay States: MEDICAL HALL, Ltd., Singapore.

The First Tooth Brush

ADDIS
SEVERE SERVICE
Estb 1780



Copyright Reserved.

was made in 1780 by WILLIAM ADDIS in London, England. The business then founded has been carried on continuously, passing direct from father to son. The policy of the business has always been "Service" to user.

When purchasing a Tooth Brush, should you require a stiff brush for Severe Service, ask for

"Addis
Severe Service"

This is typically an English Style Gentleman's Brush, made of Unbleached Bristles, with small serrates on a plain straight handle.

For those who require a smaller and more stylish brush the

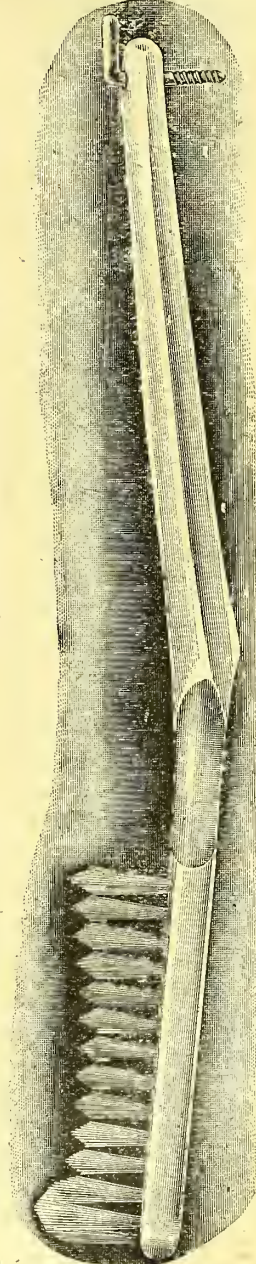
"Addis
Prophylactic"

on a curved handle, will fill the want. This brush is made in Very Hard Unbleached Bristles, Hard White, Medium White, and Soft if required. We recommend the Hard for the average use, bristles always being softer when wet.

Both these brushes are hand-fashioned and hand-drawn, the best materials and methods of workmanship being used regardless of cost.

Manufactured in England and Guaranteed by:
THE OLDEST FIRM OF TOOTH BRUSH
MANUFACTURERS IN THE WORLD

ADDIS
PROPHYLACTIC
Reg. No. 593367.



Copyright Reserved.

ROBT. ADDIS & SON
BRUSH WORKS, HERTFORD, ENGLAND.

Mousley's Patents.



Powder Puff only.

The Powder Puff

with the

Greatest Demand

Patented throughout
the World.

Powder Puff & Rouge Pad.

The Ladies' Natty Friend

"Beaverpuff"

TRADE MARK

Illustrated Booklets, Showcards, etc., on application to

"Beaverpuff" Ltd.

PRIEST BRIDGE,
MORTLAKE,
LONDON, S.W. 14

Telephone : PUTNEY 166;

SOLE CONCESSIONNAIRES FOR GREAT BRITAIN AND IRELAND.

DRUGGISTS' SUNDRIES

REDUCTION IN PRICES

BOTTLES

PERFUME—		per gross
1 dram gilt metal s/c glass rod, striped glass with foot		15/-
2 " " " " " " " "		25/-
VIALS—		
2 dr.		6/9
1 oz.		7/6
2 oz.		10/6

BRUSHES

NAIL, (Celluloid)—		per doz.
Ivory-white, No. 1671. 1 row 3½ in. with guide		9/6

NAIL, (Wood)—		per gross
Plain back, fibre 4 row single		9/6
" " " 5 " double		25/-

SHAVING: Free from Anthrax

Hogs' Bristles—		per doz.
No. 145. Polished Wood and Nickel Band		5/-
146 " " " " "		6/-
148 " " " " "		8/-

Badger Imitation—

No. 141d. Bone handle, nickel band and screw	19/-
22/4. Bone and Nickel Handle	20/-
57/2. Polished Wood, Nickel Bound	4/6
55/4. Dark " " "	8/-

HAIR

No. 169. 8 Row, Satin polished, long oval 2 in. unbleached whalebone	30/-
150. 7 Row, Satin polished, long oval 1½ in. bleached whalebone	33/-
135. 8 Row, Satin polished, long oval 2 in. unbleached whalebone	36/-
138. 8 Row, Satin polished long oval 2 in. bleached whalebone	48/-
2074. Cherrywood, wire set in rubber air pad base	29/-

COMBS

CELLULOID—

Barbers'		per doz.
No. 3063/7. Black 7×1 in.		3/4
3063/7. White 7×1 in.		4/3
Dressing		
No. 3091/7½. Black 7½×1½ in.		5/6
3038/7½. " 7½×1½ in.		6/-
3044. Handle Rake, 8½×1½ in.		10/-
3044. White Handle Rake, 8½×1½ in.		14/8
Barbers'		
No. 51G/7. Blonde, 7×¾ in.		1/6
Dressing		
No. K384/7. Blond, 7×1½ in.		5/-
K384/7. White, 7×1½ in.		5/-
8079/8. " 8×1½ in. and Rake		5/9
8277/8. " 8×2 in. " "		7/-
50G0/7½. " 7½×1½ in.		8/-
50G0/7½. Blond, 7½×1½ in.		8/-
50G0/8. Imitation Buffalo Horn, 8×1½ in.		8/-
30G0/8. Black, extra stout, 8×2 in. and Rake		9/-
" White, " " 8½×2 in. " "		9/-
30G0/8½. Black, " " 8½×2 in. " "		10/6
" White, " " 8½×2 in. " "		10/6

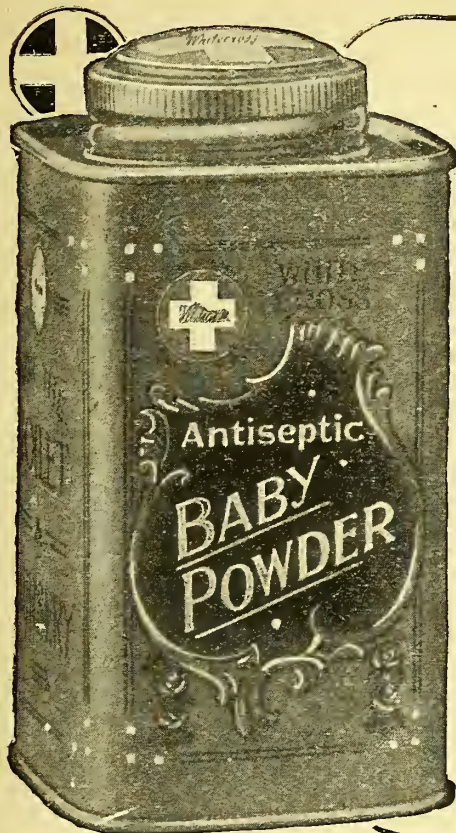
POTS, PORCELAIN

WITH CELLULOID COVERS

		per gross
½ oz.		13/9
1 oz.		14/9
1 oz.		18/9
1½ oz.		23/-
2 oz.		24/6
4 oz.		42/-

Complete Price List upon application. Orders to the value of £3 carriage paid. Terms: net monthly a/c.

ROBERT FERBER LTD., Carlton Works, Asylum Rd., London, S.E.15



"The Baby Line with the Chubby Profit"

"White Cross" Baby Powder combines the two essentials of success—a good product and a good profit.

Cussons' vast resources enable them to manufacture this high-grade Baby Powder from the very finest ingredients to retail at the popular price of 10½d. (P.A.T.A.), showing you a profit of over 50% in the handling.

"WHITE CROSS" BABY POWDER

The demand for this lucrative, all-British line, so popular with nurses, is being stimulated by skilful advertising direct to the public and to the nursing profession.

Our Special Bonus Scheme will interest you. Write to-day for full particulars.

CUSSONS, *Makers of Fine Soaps and Perfumes*
KERSAL VALE WORKS, MANCHESTER

This delightful cream meets the needs of all ladies

The Phyllis Earle Foundation Cream is a delightful greaseless cream for use before powdering and one which will preserve the softness and smoothness of the skin and delicacy of the complexion.

There is a demand for this cream amongst those who know how really beneficial a good cream can be for it is essentially a high-class product. Profits are just right for the pharmacist who will find that to stock it is well worth while on account of the repeat orders he will get through recommending such a charming cosmetic.

PHYLLIS EARLE FOUNDATION CREAM

Write for trade terms and full particulars.

PHYLLIS EARLE Ltd.
15 North Audley Street, W.1.

(Proprietors of "Kemolite.")

POWDER PUFFS

We shall be pleased to see our many friends at our exhibit at the

DRAPERY, TEXTILE & WOMEN'S WEAR EXHIBITION

AT THE

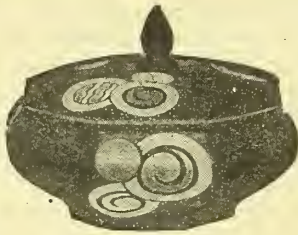
AGRICULTURAL HALL, N.1,
April 28th-May 9th, 1924.

Tickets may be obtained from

MESSRS. TRADES EXHIBITIONS, LIMITED,
Broad Street House, E.C.

WILLIAMSON BROS.
126 SOUTHWARK ST., S.E.1.

Phone : HOP 3419.



POWDER BOWLS

CHINA
(Made in England).



A CONSPICUOUS SUCCESS

Small size, dia. $4\frac{1}{2}$ in., round or octagonal each 2/9
Medium size, $5\frac{1}{2}$ " " " " " 4/-
Large size, 7 " " " " " 5/3

EYE-CATCHING & NEAT. RICHLY COLOURED & GLAZED.

WE HOLD STOCKS OF MANY PATTERNS.

ORDER NOW A RANGE FOR YOUR WINDOW SHOW.



WM. EDWARDS & SONS

Wholesale and Export
Druggists' Sundriesmen,

14-18 NILE ST., CITY RD.
LONDON, N.1.



PAPIER POUDRÉ POPPÉE ROUGE

Made in Booklet Form in White, Rose and Rachel tints.
4d., 6d., 8d., and 1/4 sizes at 2/8, 3/9, 5/- and 10/- per dozen
nett, respectively.

ONE SIZE ONLY 1/-, at 8/- per dozen.

Sole Proprietors and Manufacturers:

PAPIER POUDRÉ, Ltd., 46 Baker Street, W.1
NONE GENUINE WITHOUT ABOVE TRADE MARKS.



ALZA VANISHING CREAM

THE MOST PROFITABLE AND BEST SELLING CREAM,
FROM EVANS, WOOLLEYS, OR MAY ROBERTS.

AND
DIRECT

ALZA COMPANY, Chorlton-cum-Hardy, Manchester.

3d. size

2/- per doz.

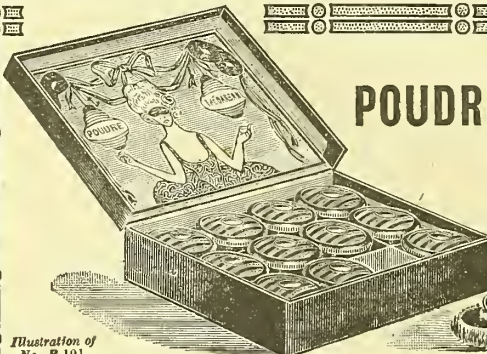


Illustration of
No. F.101.

VERY NEW AND VERY CHARMING.

POUDRE COMPACTE—"THÉ DANSANT"

(Regd.)

In two } No. F.100 Complete with Puff 7/6 doz.
styles } " F.101 " " " and diminishing Mirror 10/6 "

"Thé Dansant" Powder, which is of the very highest grade, is in assorted shades, and is compressed by our entirely new process which gives greatly increased strength and freedom from breakage, while yielding the finest adherent powder in use. Both these lines are wonderful value and will give satisfaction to seller and consumer.

Manufactured only by

SOLPORT BROTHERS, Ltd.
184/190 Goswell Road, London, E.C.1.
and obtainable through all Wholesale Houses.

NEW KOKO TOILET LINES

On the P.A.T.A. List. Allowing full margin of profit

KOKO VANISHING CREAM 1/6 per jar P.A.T.A., 13/6 per doz.

KOKO COMPLEXION POWDER 2/- per box P.A.T.A., 18/- per doz.

(In Natural, Rachel, White and Rose)

KOKO SHAMPOO POWDER DE LUXE 4 1/2d. per pkt. P.A.T.A.,
3/4 per doz.

(USUAL WHOLESALE TERMS)

A N extensive advertising campaign has been planned for the new lines together with **"KOKO FOR THE HAIR,"** and space has been booked in practically every magazine and daily papers, including "DAILY MAIL," "MIRROR," "SKETCH," "EXPRESS," "CHRONICLE," "DAILY NEWS," etc., etc., for the remainder of the year.

The demand for the new lines has already exceeded our expectations and it is advisable to place your orders at once to ensure prompt delivery.

All orders for Koko Preparations should be sent to our Sole Distributing Agents,
Messrs. **BUTLER & CRISPE**, 80/82 Clerkenwell Road, London, E.C.1.

KOKO-MARICOPAS CO., LTD.,
16 Bevis Marks, London, E.C.3.

Telephone:
AVENUE 595.

FRIZZETTA KEEPS THE HAIR IN CURL 2/-
PELLETTA FOR THE COMPLEXION 1/4 3/3
SE-TABA TABLETS THE NEW NERVE TONIC 1/3 3/-

BEST TERMS. 3 DOZEN ORDERS ASSORTED, CARRIAGE PAID.
ALL WHOLESALE HOUSES. P.A.T.A.

Maker: F. W. BATES, Brooks's Bar, MANCHESTER.

The Evan Williams

ALWAYS IN GREAT DEMAND.
PRICE LIST ON APPLICATION.

The EVAN-WILLIAMS Co., Ltd., 14/15 Union St., W.1.

ORIGINAL SHAMPOO

ONE OF LONDON'S ILLUMINATED NIGHT SIGNS

SHAMPOO
WITH
LAMAMOL

Chemists are finding it profitable to link up with the big, consistent AMAMI Advertising Scheme. Book your order to-day with PRICHARD & CONSTANCE (Wool), LTD, 4-10 Chenies Street, —LONDON, W.1.

"Newbery's"
FRANCIS NEWBERY & SONS LTD.

Complete Range

DRUGGISTS' SUNDRIES

including

HAIR BRUSHES

(Whalebone and Bristle)

TOOTH BRUSHES

(Bone and Celluloid)

SHAVING BRUSHES

(all kinds)

FRANCIS NEWBERY & SONS, Ltd.

London

Cardiff

Liverpool

Telegrams : Raab, Roermond.

Aromatic Chemicals Flower Oils Synthetic Perfumes Essential Oils

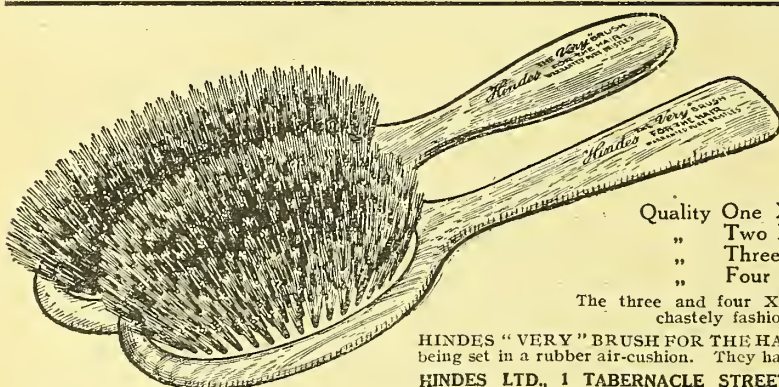
CHEMICAL WORKS, ROERMOND

H. RAAB & CO., ROERMOND, HOLLAND.

Agent for the U.K.:

MR. ALFRED PAUL WHITE, 5 Water Lane, Gt. Tower St., London, E.C.3

Telegrams : Whaiter, Bilgate, London.



HINDES "VERY" HAIR BRUSH

Quality One X	Sold at 7/6d. each.	TRADE PRICE 33½%
" Two XX	" 10/6d. "	
" Three XXX	" 15/- "	
" Four XXXX	" 18/6d. "	

The three and four XXXX grade is made in Ebony or Rosewood chastely fashioned in both oval and circular bodies.

HINDES "VERY" BRUSH FOR THE HAIR is guaranteed pure bristles the multiple tufts being set in a rubber air-cushion. They have been known to the trade for nearly 40 years.
HINDES LTD., 1 TABERNACLE STREET, LONDON, E.C. :: Works: BIRMINGHAM

E. J. H. ATTWOOD

Manufacturer of the

"WEJA"

Tooth & Shaving Brushes

solicits your enquiries to

130 Chatsworth Rd., Clapton, London, E.5.

TO
WHOLESALE & SHIPPERS
"If you buy Puffs you need us"

POWDER PUFFS OF EVERY DESCRIPTION

CALL and VISIT OUR SHOWROOM

SPENCER BROS.

17 FARRINGTON AVENUE, Holborn Viaduct, London, E.C.4

"MILNER" Straw Hat Cleaner. 3d.

Specimen hats available. Write for terms.

"PLANO," the best application for CHAPPED HANDS and ROUGH SKIN.

3d. tablets or boxes. 7½d. aluminium cases.

"PLANO" Foot Salve. 4d.

"RAILOX," effective non-poisonous NIT KILLER. 3d. and 7½d.

"TOBOGGAN" Ginger. A superior Ginger Wine

Essence. 1/- per bottle.

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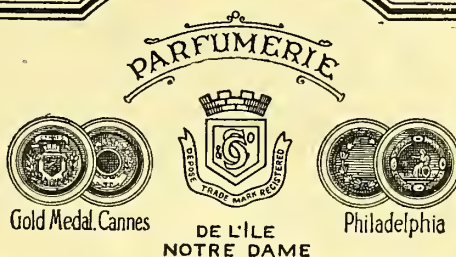
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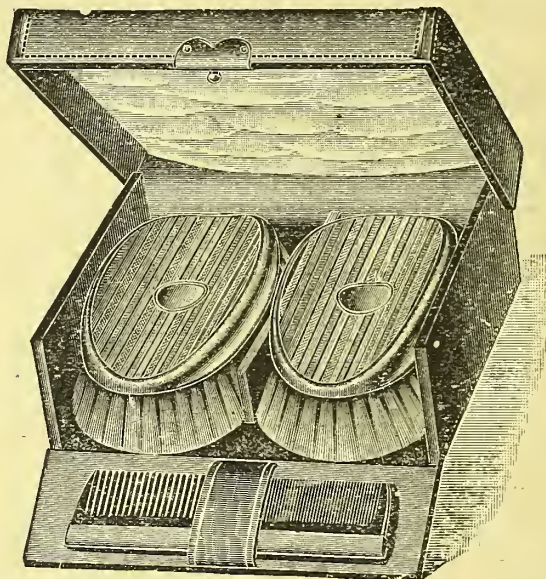
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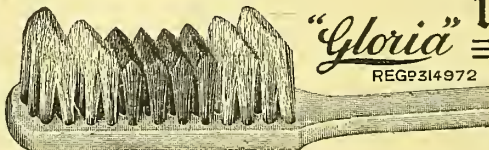
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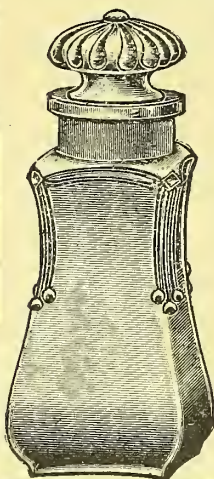
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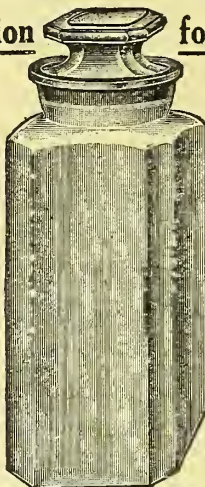
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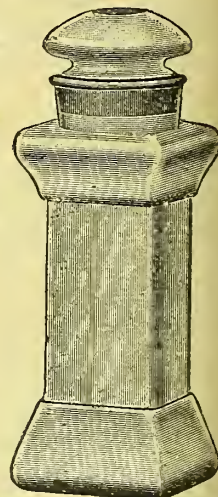
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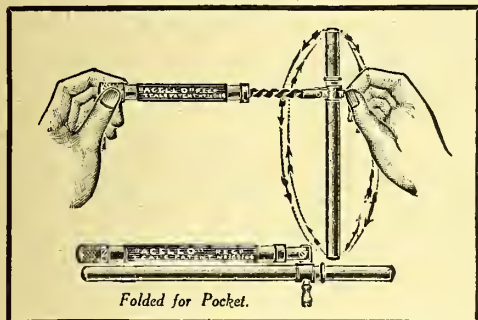
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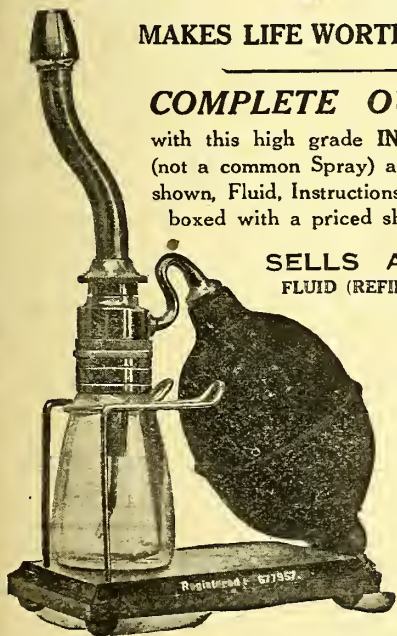
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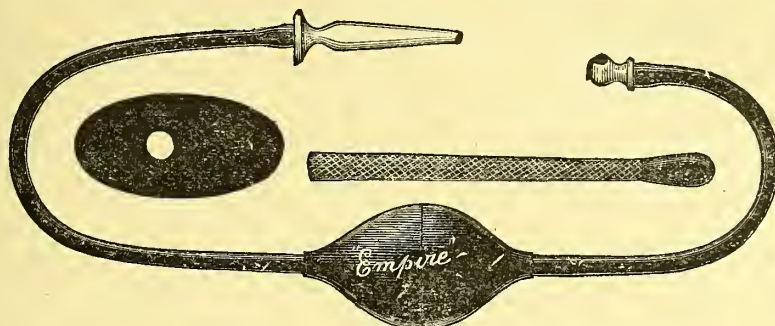
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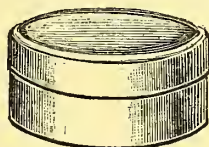
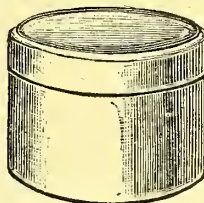
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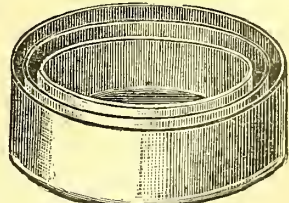
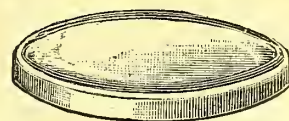
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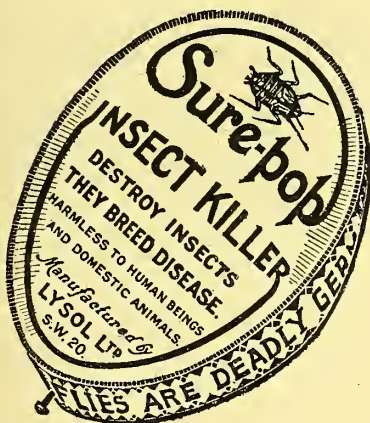
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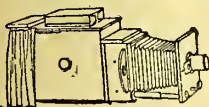
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Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, May 5

Royal Society of Arts, John Street, Adelphi, London, W.C., at 8 p.m. Mr. T. Thorne Baker on "Photography in Industry, Science and Medicine."

Society of Chemical Industry (London Section), Rooms of the Chemical Society, Burlington House, Piccadilly, London, W.1, at 8 p.m. Annual meeting. Members may dine at the club before the meeting (dinner 3s. 3d.).

Wednesday, May 7

Guild of Public Pharmacists, 17 Bloomsbury Square, London, W.C., at 7.30 p.m. Annual meeting.

Pharmaceutical Society of Great Britain, 15 Bloomsbury Square, London, W.C., at 11 a.m. Council meeting.

Society of Public Analysts, Burlington House, Piccadilly, London, W., at 8 p.m. Meeting.

English and Welsh News

The Editor would be obliged if subscribers will send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

Institute of Chemistry

The following candidates have passed the examination for the Associateship:—

In General Chemistry.—Balfour, R. P., Gibby, C. W., Green, F. J., B.Sc., Harrison, G. W., Laing, A. G., B.Sc., McCarter, G. L., Milne, L. B., Myers, C. F., B.Sc., Philp, J. L., Wright, W. E. *In the Chemistry of Food, Drugs and Water*.—Maplethorpe, C. W.

The following candidates have passed the examination for the Fellowship:—

In Branch D.—Viswanath, Bhagavatula. *In Branch E*.—Norman, G. M., B.Sc., Thin, R. G., B.Sc. *In Branch H*.—Hollingsworth, C.

London Chemists' Sports Club

The annual meeting of the London Chemists' Sports Club was held in the pavilion of the sports ground of S. Maw, Son & Sons, Ltd., New Barnet, on April 24. Mr. Herbert Skinner, in opening the meeting, gave a brief *résumé* of the first year of the Club's existence, and congratulated the members on its success. Mr. Skinner pointed out that membership being now open to any pharmacist or those engaged in pharmacy, and the grounds being so ideal for almost all forms of sport, an even more successful season than the last one could be looked forward to. Officers were appointed as follows: *President*, Mr. Herbert Skinner; *Vice-President*, Mr. J. Downing; *Secretary and Treasurer*, Mr. W. E. Swanston, 140 Hornsey Road, N.7; *Auditor*, Mr. W. Burgess Dow; *Committee*, Mrs. Downing, Mrs. Skinner, Mrs. Swanston, Mr. F. Cooper, Mr. C. A. Noble, Mr. T. Rawlings, Mr. B. Walker. The year commenced on May 1; intending members are requested to apply to the secretary.

Masonic Affairs

The installation meeting of the Lodge of Good Fellowship, No. 3655, was held at Pagani's Restaurant, London, W., on April 16, when Bro. E. A. Atkins, Ph.C., was installed into the Chair of King Solomon according to ancient custom. Among those present connected with the drug trade were Bros. John Humphrey, W. B. Trick, A. Proctor Atkinson, F. A. Lawman, Thomas Marns, Hugo Wolff, John Keall, J. French, W. H. Goy, G. A. Tocher, G. A. Mallinson, E. Skues, D. A. Rees, W. E. D. Shircliff, and J. W. Quibell. Altogether there were about thirty pharmaceutical brethren present.

The officers of the Galen Lodge, No. 2394, have been appointed as follows:—W. Bro. F. W. Crossley-Holland, D.C.L., P.P.G.O., Essex, W.M.; W. Bro. E. J. Millard, I.P.M.; Bro. H. A. Lumb, S.W.; Bro. William Owen, J.W.; Bro. Rev. E. R. Whalley, chaplain; W. Bro. A. J. Bullen Cooper, P.Z., treasurer; W. Bro. F. Bascombe, P.A.G.St.B., P.P.S.G.W., Dorset, secretary; W. Bro. F. G. Skelsey, D.C.; Bro. E. Scholl, S.D.; Bro. W. J. I. Philp, J.D.; Bro. W. H. West, A.D.C.; Bro. T. S. Widdowson, Almoner; Bro. J. Harcombe Cuff, organist; Bro. H. F. Simnett, I.G.; Bro. S. Tinsley, steward; Bro. A. J. Cundell, steward; Bro. A. S. Hull, steward; Bro. H. Passenger, tyler.

Contracts

The following tenders have been accepted by the bodies named:—

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Merthyr Tydfil Guardians.—Mr. V. A. Wills, chemist and druggist, drugs.

Slough Urban Council.—Griffith & Walden, chemists, drugs, etc.

Stourbridge and Halesowen Hospital Committee.—George Greenwood & Son, chemists, Lye, drugs.

Poisonings

The following cases of fatal poisoning, among others, have been recorded since our last report:—

At Grimsby, a child named Norman Gollings, aged three, died from drinking cresolene, which it obtained from a cupboard.

After an unsuccessful search for lodgings, Robert W. Carsberg, a surgical instrument maker, living in North London, committed suicide by taking sulphuric acid. At the inquest on April 28 it was found that he was of unsound mind.

In the course of an inquiry at Mexborough, on April 28, concerning the death of Harriet Street, who committed suicide by drinking household ammonia while of unsound mind, the coroner is reported to have said: "The Poison Schedule is one of the most ridiculous things I know of. It is simply farcical. I know plenty of dangerous poisons which are not scheduled."

An inquest was held at Bradford, on April 25, on the body of Mr. J. R. Volans, chemist and druggist, Toller Lane, who was found dead by his wife on April 19 at the foot of a flight of stairs on the premises. A letter left by him included the passage: "I have lost my memory, and should have taken advice." Medical evidence showed that death was due to poisoning by hydrocyanic acid: a verdict of "Suicide while of unsound mind" was recorded.

The coroner for Central London concluded, on April 26, an inquest on the body of John Coates, a road-sweeper, who committed suicide by drinking a solution of oxalic acid. Mr. C. W. Matthews, Ph.C., Fortress Road, N.W., stated that he did not remember supplying the deceased with a packet of oxalic acid. He sold one or more packets of it a week, generally to shop porters. The label, which bore witness's name and address, was one of his. The coroner said that under the Act the seller had to carry out certain regulations, and he (the coroner) noticed that on this label there was an omission—the word "Poison" was not printed on it. Mr. Matthews said that directly the coroner's officer came to make inquiries he noticed at once that the printer had omitted to put the word on the label, and without delay he had rectified the matter. The coroner asked how many packets with the omission had been sold. Mr. Matthews replied that the number was less than a dozen. The coroner said it was important that the requirements of the Act should be complied with. Mr. Matthews agreed, and said he was sorry he did not notice the omission before. The coroner recorded a verdict that the deceased committed suicide while of unsound mind.

Birmingham

An invitation has been issued to local pharmacists to visit the Port Sunlight works in June.

Mr. R. H. Rowson, Ph.C., has now returned to business, following a severe attack of influenza.

The wet weather which has followed the spell of sunshine at Easter has given a fillip to business in this district.

In connection with his departure to take up other administrative work, Mr. W. H. Whittock, director of Boots (Western), Ltd., who has been the company's district general manager for many years, was, on April 16, presented by Mr. Field, on behalf of the Birmingham and district staff, with a grandfather clock in oak. Mr. Whittock suitably replied.

Liverpool

The methylated spirit regulations, to be enforced on May 1, were the subject of much preparation, and attempts to purchase in advance by women have been numerous.

The Liverpool Chemists' Association cheque from the Benevolent Fund concert is for £142 14s. 9d., an achievement on which the Association and its officials can be congratulated.

The tennis section of the Pharmacy Club will commence play in its second season on the courts at Lance Lane, Wavertree, on May 3. There are a few vacancies

open to members of the craft, and applications should be sent to the secretary, Mr. J. Broad, 11 Wavertree Road.

Sheffield

Mr. G. Squire, Ph.C., has purchased a suburban residence, to which he will be moving shortly.

Sympathy will be extended to Mr. Preston (secretary, J. Gilbert Jackson, Ltd.), whose wife is suffering from a serious illness.

William Fox & Sons (Sheffield), Ltd., chemists, are offering a free enlargement from the film which, in their opinion, is the best one developed by them each day.

The new premises of Carter & Sons, manufacturing chemists, Attercliffe Road, which, following the recent fire, are being rebuilt, will rank among the finest in the district.

Miscellaneous

FIRE.—An outbreak of fire, caused by tar boiling over, occurred on April 24, at Canal Bank, Deptford, London, S.E.8, on the premises of A. J. Dickinson, Ltd., manufacturing chemists. A quantity of tar was destroyed and some corrugated iron roofing was damaged.

ACCIDENT AT THE BRITISH INDUSTRIES FAIR.—During the unpacking of some chemicals at the White City, London, W., on April 30, a bottle broke and some acid was ejected into the face of Mrs. Broadstreet, a Manchester lady. After first-aid, Mrs. Broadstreet was taken to the West London Hospital.

WINDOW-DRESSING AWARDS.—In the window-dressing competition, organised in connection with the recent Conway shopping carnival, the first prize in Class III and the prize for the best decorated window were gained by Mr. H. R. Jones, chemist and druggist. Mr. J. L. Neal, chemist and druggist, was awarded the third prize in the class open to chemists.

NATIONAL CHAMBER OF TRADE.—At the annual conference of the National Chamber of Trade, which opened at Leeds on April 28, Mr. Isaac Stephenson was elected President. In the course of his address he expressed the view that the general conditions of distribution did not warrant the setting up of trade boards. The conference supported the principle of compulsory closing of shops at hours not later than those now in force, with local option as to whether the weekly late night should be Friday or Saturday.

IN THE COURTS.—At Blackburn Police Court, on April 29, George Kirk, described as a chemist's assistant, was fined 5s. for aiding and abetting in the serving of a customer after the appointed hours.—In the Mayor's and City of London Court, on April 29, the hearing of a claim by the City Perfumery Co., New Street, Bishopsgate, E.C., against Mr. Ward, chemist, Southwick, Sussex, for the sum of 11s. in respect of perfumery sold and delivered, was adjourned, the registrar pointing out that apparently the defendant had heard nothing from the plaintiffs or their solicitor.

AN ANALYTICAL FORECAST.—In his annual report to the Lancashire County Council the public analyst (Mr. W. Collingwood Williams, B.Sc.) states that during the year twenty-five samples of dispensed medicines were examined for the Insurance Committee, and eleven were found to be incorrect. As this part of the work has only just been commenced, the report continues, it is too early to express any general opinion, but it is evident that some such supervision will be a great public benefit. The analyses in some cases are complicated and difficult, but possess an intrinsic interest, and one case has already opened up a point of general importance to both pharmacists and medical practitioners which is now under investigation.

TRAFFIC IN EMPTY SYPHONS.—At Marylebone Police Court, London, on April 25, Harry Ward, dealer, and William Church, labourer, were respectively sentenced to one month's and two months' hard labour on a charge of having in their possession twelve Schweppe's siphons unlawfully obtained. It was stated that the accused were seen to take a case of siphons from a barrow and offer it for sale at a grocer's shop for £1. When questioned,

both men said they had purchased the syphons from various houses. Mr. Ricketts, solicitor, for Messrs. Schweppe, said that they had been flooded with complaints about this traffic. They hoped that, as the result of the prosecution, customers would not part with the syphons without a proper credit note.

CREDITORS' MEETING.—A meeting of the creditors of Mr. Ernest Nixon (trading as Redfern), 57 Bell Street, Oldham, wholesale druggist, etc., was held recently in Manchester. The statement of affairs showed liabilities £4,073 13s. 4d., of which £1,818 6s. 10d. was due to the trade. The assets were estimated to realise £4,011 (net £3,888 11s. 3d.). It was reported that the debtor commenced trading in 1911, and a few years ago acquired Redfern's business. Last October the debtor borrowed £400 from a firm of money-lenders. A resolution was passed in favour of the matter being dealt with under a deed of assignment, with Mr. O. Sunderland, 15 Eastcheap, E.C., as trustee. It was stated that there was a possibility of the money-lenders refusing to agree to the matter being dealt with under a deed. The following are among the creditors:—Cadbury Brothers, Ltd., £153; J. S. Fry & Sons, Ltd., £137; Nestlé's, Ltd., £42; James Pascall, Ltd., £41; A. J. Caley & Son, Ltd., £37; Scott & Turner, Ltd., £36; Meadowcroft & Son, Ltd., £35; J. F. Wilkinson, £31; W. J. Bush & Co., Ltd., £29; J. & J. Colman, Ltd., £22; Joseph Crossfield & Sons, Ltd., £18; Potter & Clarke, Ltd., £15; Robinson & Sons, Ltd., £11; Price's Patent Candle Co., Ltd., £10.

Scottish News

Scottish Chemists' Golf Trophy

The annual competition for the Scottish Chemists' Golf Trophy will be held at Gleneagles on May 14. The following are the names of the entrants and the times of starting:—

Time of Starting.

9.0 .. D. Mackenzie, Glasgow	v. G. F. Johnstone, Broughty-Ferry
9.3 .. J. D. Lunan, Edinburgh	v. D. Robertson, Dalmeir
9.6 .. W. Macmaster, Glasgow	v. D. Stewart, Coupar Angus
9.9 .. E. Blyth, Glasgow	v. J. Forsyth, Aberdeen
9.12 .. J. Erasmunson, Glasgow	v. A. E. Kelly, Edinburgh
9.15 .. G. Grierson, Glasgow	v. A. G. Adamson, Kirkcaldy
9.18 .. J. Caldwell, Glasgow	v. J. White, Arbroath
9.21 .. W. Thomson, Glasgow	v. W. Forrest, Perth
9.24 .. D. Dick, Glasgow	v. O. Dewar, Greenock
9.27 .. G. Reidford, Glasgow	v. E. Allardyce, Dundee
9.30 .. M. K. Watt, Aberdeen	v. T. Macmaster, Glasgow
9.33 .. J. Anderson, Glasgow	v. H. T. Russell, Stevenston
9.36 .. A. Macswen, Glasgow	v. M. Scott, Bonnyrigg
9.39 .. R. Jack, Glasgow	v. J. P. Ferrier, Dundee
9.42 .. A. Saunders, Glasgow	v. A. J. Clark, Edinburgh
9.45 .. G. Macdonald, Glasgow	v. M. Ross, Aberdeen
9.48 .. F. Soddy, Glasgow	v. M. G. Duncan, Aberdeen
9.51 .. B. Christie, Glasgow	v. J. Finlay, Edinburgh
9.54 .. J. Murdoch, Glasgow	v. H. Culbert, Airdrie
9.57 .. A. Barrie, Dundee	v. W. S. Taylor, Inverurie
10.0 .. W. J. Moffat, Glasgow	v. C. Stephen, Dundee
10.3 .. J. F. Robertson, Alva	v. D. S. Philp, Edinburgh
10.6 .. T. Johnstone, Glasgow	v. J. B. Stewart, Auchterarder
10.9 .. C. Millburn, Tayport	v. J. Bell, Glasgow
10.12 .. D. Duncan, Glasgow	v. F. W. Bennett, Arbroath
10.15 .. A. Troup, Dundee	v. J. Houlston, Glasgow
10.18 .. J. B. yn, Glasgow	v. A. Calder, Glasgow
10.21 .. W. Macdavid, Glasgow	v. K. Stewart, Carnoustie
10.24 .. — Speed, Glasgow	v. W. S. Spence, Edinburgh
10.27 .. D. G. Mackenzie, Glasgow	v. J. Kennedy, Prestwick
10.30 .. A. Taylor, Dalmeir	v. J. Noble, Leith
10.33 .. A. McEwan, Glasgow	v. J. Farquhar, Aberdeen
10.36 .. M. Macfarlane, Forfar	v. W. Garrow, Glasgow
10.39 .. J. Simpson, Glasgow	v. S. Wood, Prestwick
10.42 .. J. Abbott, Glasgow	v. H. Dugan, Aberdeen
10.45 .. W. Seivwright, Glasgow	v. M. Hamilton, Paisley
10.48 .. C. Cross, Dundee	v. W. Hay, Aberdeen
10.51 .. J. C. Adam, Edinburgh	v. J. Robertson, Dundee
10.54 .. C. Duncan, Dundee	v. J. Michie, Bucksburn
10.57 .. J. J. Forbes, Perth	v. W. Mitchell, Aberdeen
11.0 .. R. D. Douglas, Edinburgh	v. A. G. Beattie, Aberdeen
11.3 .. W. Culbert, Airdrie	v. J. P. Gibb, Edinburgh
11.6 .. J. Smith, Hamilton	v. L. Traub, Barrhead
11.9 .. C. A. Michie, Aberdeen	v. J. Thomson, Dundee

Brevities

Certain chemists in Fife have inaugurated a system of soliciting orders by calling from house to house. In one instance the round is covered in a motor-car.

Edinburgh Chemists' Golf Club held a meeting at Lothianburn on April 23, play resulting as follows:—(1) J. Finlay, 83; (2) J. Philp, 84; (3) J. P. Gibb, 86; second class, A. E. Kelly, 84. The meeting at Barnton has been declared void, and the scores at Liberton, on May 7, will count in its place for the Pinkerton Gibson Trophy, as well as for the captain's prize.

The Chemists' Friendly Society has made arrangements with the Scottish National Benevolent Association, whereby the Society will provide additional benefits for its members, wherever resident, in the form of payment for dental and optical treatment. In respect of the former, the Society will, subject to certain conditions, pay 50 per cent. of all claims, but the maximum payments to any one member during any consecutive twelve months may not exceed £3 15s. For optical treatment and appliances, the maximum payments during a similar period may not exceed £1. A circular giving full particulars is being sent to members.

Glasgow

Mr. T. C. Hutchison, chemist and druggist, 166 Allison Street, has opened a branch at Mossbank.

Two men were overcome by fumes at the premises of Cockburn & Co., Ltd., chemists, Main Street, Bridgeport, on April 28, and had to be removed to the Royal Infirmary.

An employee named McMurray (16), of the Glasgow New Apothecaries' Co., 59 Glassford Street, collapsed at his work on April 29, and died shortly after admission to the Royal Infirmary.

The opening meeting of the tennis section of Glasgow Pharmacy Club will be held on May 13 at the courts in Meadowpark Street, Dennistoun, at 3 p.m. The rambling section will visit Bothwell Castle on May 6, travelling by the 3.5 p.m. train from the Central Station to Uddingston. The leader will be Mr. R. Inglis.

A meeting of the creditors of Mr. James Smith, chemist and druggist, 48 Wilton Street, Glasgow, was held recently, when it was reported that the total liabilities amounted to £1,116 12s. 9d., while the assets totalled £228 14s. 5d., or a deficiency of £887 18s. 4d. The amount due to the trade was £256 8s. 8d., while cash creditors claimed £860 4s. 1d. The assets consisted of drugs, patent medicines and trade utensils and shop fittings, valued at £210 15s. 9d., sundry debtors £6, and cash in hand £11 18s. 8d. Debtor started business about two and a half years ago without any capital, and attributed his present position to bad trade. The creditors decided that the estate should be dealt with under a trust deed, and a committee of creditors was also nominated. The following are among the creditors:—Cockburn & Co., Ltd., £143; W. & R. Hatrick & Co., £29; Lorimer & Moyes, Ltd., £10; Munro, McLaren & Sutherland, £10.

Gazette

Partnerships Dissolved

ASHTON, C. S., and BLAMEY, C. A., 46 Dyke Road, Brighton, chemists and druggists, under the style of C. S. Ashton & Co.

BROOKS, MARGARET, and WILLIAMS, S. S., Brinnington House, Stockport, merchants of chemicals, etc., under the style of the Brinnington Chemical & Colour Co.

Bankruptcy Acts

ADJUDICATION

BARRON, R. C. (described in the receiving order as Marcus Beresford Sanday), 1 Brigstocke Terrace, 1 St. Thomas's Street, and 3, 4, 5 Royal Victoria Arcade, Ryde, I.W., perfume manufacturer.

RECEIVING ORDER AND ADJUDICATION

NIXON, E., 18 Regent Street, 57 Bell Street, and 40 Henshaw Street, Oldham, formerly trading as A. Redfern at 14 Wellington Street, Oldham, manufacturing confectioner and wholesale druggist, under the style of Nixon & Co.

Irish News

Pharmaceutical Society of Ireland

At the recent Registered Druggist examination, held at Belfast, the following passed: William George Hubert Anderson, Belfast; Francis Boniface Donaghy, Ballymena; Alexander Dundee, Belfast; James Irwin, Lisburn; James William Hamilton Johnston, Newtownbutler; Eileen Maude Lawson, Limavady; Alfred Lamont Martin, jun., Portadown; Andrew Wilson McDowell, Coleraine; James Speers, Comber; William John Stevenson, Belfast; John Alexander Stewart, Belfast. Two candidates were rejected.

The Free State Budget

In the Dail Eireann, on April 25, Mr. Ernest Blythe, Free State Minister of Finance, introduced his first Budget, which, he said, offered an "experiment in Protection." The following fiscal changes and new duties were included:—Manufactured confectionery, 3 3-5d. a lb. Preparations containing cocoa and chocolate, 6d. a lb. Soap and candles, 10 per cent. *ad valorem*. Table waters, 4d. a gallon additional. Glass bottles, 33½ per cent. *ad valorem*. Ether, chloroform, and certain other chemicals, tax abolished. The income tax remains at 5s. in the £, super tax reduced from 6s. to 4s. 6d. Tobacco, subsidy to unmanufactured tobacco from British colonies and Nyassaland to end. Dutiable goods in parcels, minimum charge of 2s. 6d. on each parcel, to check importation of small consignments. The Free State already has an import duty of 33½ per cent. *ad valorem* on many goods.

Discussing the new import duties, Sir Thomas Robinson (Hayes, Conyngham & Robinson, Ltd., Dublin) stated that the proposals are not unreasonable. The new duties would not affect the chemists' business very much, but would affect the public, who would have to pay more for toilet soap and other articles. The recently removed duty of £9 on ether and chloroform was an advantage. There was no chance of either commodity being manufactured in Ireland. Dr. Walsh (J. J. Graham & Co., chemists, Dublin) stated that the retail trade would be hard hit by the minimum charge of 2s. 6d. on small dutiable parcels. Last year, it was stated, 24,000 parcels were delivered, and the duty on each was 1s. to the Free State. There were thousands of articles which might not be asked for once in twelve months, and they would grow stale if stored in large quantities. Already they had complaints owing to dutiable articles being held up for days by the Customs.

Brevities

Mr. J. Hunter, M.P.S.I., has been elected a member of Kilrea Parish Church select vestry.

At the resumed inquest, held on April 24, in connection with the death of Mrs. Elizabeth Loughran, Mullanbeg, near Carrickmore, who died on April 8, the jury returned a verdict of death from strychnine poisoning, there being no evidence to show whether it was self-administered or otherwise.

At an inquest held on April 29, at Milford, on the body of Joseph Burns (52), a shopkeeper, which was exhumed that morning, the jury returned a verdict of death from carbolic-acid poisoning, adding that there was no evidence to show whether it was accidentally administered or otherwise. Deceased died on March 31, and the certificate showed death from syncope, with no doctor in attendance.

Mr. J. E. O'Neill, J.P., R.D., principal of O'Neill & Co., chemists and grocers, Maghera, has been returned unopposed as a member of the Londonderry County Council for Maghera electoral area. Mr. O'Neill has been a member of the Derry County Council for an uninterrupted period of twenty-five years, and has held the position of vice-chairman for twenty-two successive years. He possesses the unique record of being the only remaining elected original member who formed the first

Council after the passing of the Local Government Act, 1898.

At a recent meeting of the co. Wexford Board of Health a letter was read from the Southern Wholesale Drug Co., asking the board, in the interests of economy and efficiency, to accept their tender for the supply of medicines for the half-year ended September 30, 1924. They understood that the Local Government Board had recommended the tender of a Dublin firm at 2½ per cent. lower than theirs, but the difference would be more than compensated by the advantage of free delivery to the dispensaries. It was decided to ask the department to sanction the acceptance of the tender of the Southern Wholesale Drug Co. for the supply of medicines for the half-year ending September 30, 1924.—The Southern Wholesale Drug Co. have since been appointed contractors for the supply of medicines, etc., to all institutions and dispensaries under the control of the Wexford County Board of Health.

Belfast

Mr. J. Carroll Culbert, M.P.S.I., has been admitted to the Belfast Rotary Club as representative of the pharmaceutical profession.

The death took place suddenly, on April 20, of Mr. W. E. Harbinson, who was formerly connected with J. & J. Haslett, Ltd., wholesale druggists.

Mr. Horatio Todd, M.P.S.I., as President of the North Irish Pharmacists' Association, has written to the Belfast Press, pointing out that recently there were reported several cases where persons described as chemists were prosecuted and fined for the sale of methylated spirit, and one case for having in stock a quantity of whisky. The persons referred to, he states, are not pharmaceutical chemists, and pharmacists as a body consider such cases a slur on the profession.

The Home Office, Belfast, has announced that claims for compensation for loss of profits by the withdrawal of the wine licence under the Intoxicating Liquor Act (Northern Ireland), 1923, have been lodged by the following additional pharmaceutical chemists and registered druggists:—

Jas. McCarthy, Kircubbin, co. Down; David Henderson, 549 Lisburn Road, Belfast; Frederick Wm. Dodds, Main Street, Crumlin; Elizabeth Maude Carleton, 11 Dunluce Street, Larne; George Scott, 309-311 Antrim Road, Belfast; Jas. G. Hanna, 2 Railway Street, Lisburn; Joseph Millar, The Medical Hall, Irvinestown, co. Fermanagh; Samuel Orr, 62 Bow Street, Lisburn; Jas. Dale, 124 Newtownards Road, Belfast; Jas. Dale, The Medical Hall, Church Street, Dromore; John Black, Church Place, Lurgan; Gilmer's, Ltd., 62 Wellington Street, Ballymena; Joseph Douglas, Eden, Carrickfergus; Jas. Nesbitt, 82 Old Lodge Road, Belfast; Allan McIntosh McCurdy, 46 York Road, Belfast; Robert Morrow, 25 Corn Market, Belfast; Robert Morrow, 15 Conway Street, Newtownards; Robt. Andrew, 75 Crumlin Road, Belfast; John Saunderson, 15 Bridge Street, Ballymena; John E. Connor, 79 Hill Street, Newry; Horatio Todd, 72 Holywood Road, Belfast; John Deery, Main Street, Newtown Stewart; McAdam & Bates, High Street, Omagh; Baxter, Ltd., Main Street, Ballymoney; Martha Smyth, Bovedy, Kilrea; Robert L. Burney & Co., Ltd., Newry Street, Kilkeel; Patrick J. Quinn, 7 Irish Street, Dungannon; Joseph Dougherty, 37 Ballymoney Street, Ballymena; H. D. Starkey, High Street, Antrim; Jas. Louden, Bridge Street, Donaghadee.

Coleraine

Mr. G. B. Johnston, M.P.S.I., Coleraine, has been nominated to the Londonderry Synod of the Wesleyan Church for election as a member of the Wesleyan Conference, which will meet at Cork in June.

Mr. W. M. Cross, Ph.C., has commenced business at King's Gate Street, and Mr. J. H. White, Ph.C., has opened as a dispensing and photographic chemist and optician at 6-8 New Row.

Commenting on the increase in the number of chemists' shops in Coleraine during the past six months, the Coleraine "Constitution" says: "Let us hope that the addition only represents keener business enterprise, and not the falling of the health standard of Coleraine."

South African News

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is supplied weekly to members of all the Chemists' Societies in South Africa.

The Union

MEDICAL, DENTAL AND PHARMACY BILL.—A report of the Select Committee on Clause 34 (re-committed) of the Medical, Dental and Pharmacy Bill has been issued by order of the Cape House of Assembly. The minutes of evidence run to 100 pages, and deal with the position of drugless healers. The evidence led is extremely interesting.

UNREGISTERED MEDICAL PRACTITIONERS.—The Select Committee on the Medical, Dental, and Pharmacy Bill has amended clause 34 to read as follows:—

Any person not registered as a medical practitioner who:—

(a) For gain, hire, or reward, direct or indirect, practises as a medical practitioner or performs any act pertaining to the calling of a medical practitioner; or

(b) Professes to pursue, or by advertisement or otherwise holds himself out as pursuing the calling of a medical practitioner, or pretends to be or takes or uses the name of medical practitioner or any name, title, description or symbol indicating, or calculated to lead persons to infer, that he is qualified or possesses a degree, diploma, or other qualification as a medical practitioner, doctor of medicine, physician, surgeon or accoucheur, or that he is registered as a medical practitioner under this Act, shall be guilty of an offence and liable on conviction to a fine not exceeding one hundred pounds: Provided that nothing in this section contained shall be deemed to apply to the practice of the religious tenets of any church.

In the Select Committee Mr. Alexander moved to add at the end of the clause: "Provided further that nothing in this section contained shall be deemed to apply to the practice of any particular form of drugless healing if the healer proves to the satisfaction of a Board prescribed by regulation that he is qualified by training or/and experience to practise such particular form of healing. An appeal shall lie from the decision of such Board to the Minister."

The Committee divided as follows:—

Ayes.—(4): Mr. M. L. Malan, Mr. Coetzee, Mr. Conroy, Mr. Alexander.

Noes.—(4): The Chairman (Mr. P. Duncan), Dr. De Jager, Mr. Roux, Mr. Moffat. The numbers being equal, the Chairman gave his casting vote with the "Noes," and the motion was accordingly negatived.

MEDICINE TAX CONTRAVENTIONS.—In the Union House of Assembly, on April 8, Mr. P. W. Le Roux Van Nie Kerk asked the Minister of Finance: (1) How many shopkeepers were charged with contravening the provisions of the Customs and Excise Duties Amendment Act, 1923, with regard to the excise duties on patent or proprietary medicines; how many were convicted; and what was the amount of fines imposed; and (2) how many chemists were similarly charged; how many were convicted; and what was the amount of fines imposed.

Reply: (1) 118 shopkeepers were charged, of whom 102 were convicted and 15 reprimanded. Fines imposed, £193. (2) 14 chemists were charged, of whom 12 were convicted and 2 reprimanded. Fines imposed, £53. The above figures do not include prosecutions on the initiative of the police, details of which are not available.

THE DISSOLUTION.—The Union House of Assembly adjourned on April 11, and will be dissolved immediately. The general election takes place in June, and the Medical, Dental and Pharmacy Bill is again a "slaughtered innocent." The secretary of the Associated Pharmaceutical Societies of South Africa (Mr. Cassel), in the course of a letter to the "Rand Daily Mail," writes:

The Government persists in behaving as if the wants and wishes of the people, who placed it in power, are of no importance whatsoever. They do not see the writing on the wall, which says plainly that everyone is tired of this autocratic attitude. They lost this election because of the medicine stamp tax. We know that the S.A. Party, as a

party, did not and does not want this tax. We have innumerable letters and documents to prove this, but the Minister of Finance intends to ram this tax down the throats of the people. My Association warned the Government what would be the result of this persistence. We told them all—Mr. Burton, General Smuts, Mr. Duncan and the whole Cabinet—that this was iniquitable and unreasonable. They took no notice of us.

Wakkerstroom was the first occasion which the public had an opportunity of saying what they thought of this and other forms of taxation, and the result was definite and conclusive. From the start of this agitation against this pernicious tax we have prophesied that the man in the street would hit back. Will the Government now take heed, or are they tired of the responsibilities of office, and have ceased to care?

What has happened at Wakkerstroom will happen again, unless they realise that they were put in their high office to govern according to the will of the people, for the greatest good of the greatest number, and not according to the whim and caprice of any of the Ministers.

METHYLATED SPIRIT.—In the Union House of Assembly, on March 25, Mr. Brown asked the Minister of Finance:

1. What quantity of methylated spirit was produced in each Province for the years 1917 to 1923, inclusive;

2. Whether it is being used in increasing quantities for potable purposes by the population, especially the coloured people, and whether any figures can be given to show the quantity so used;

3. Whether the Government intends taking any steps to try and stop its being used by the population, and to limit its use to its legitimate purposes; and

4. Whether it is practicable to add any other matter to methylated spirit to make it more unfit for human consumption?

Mr. Burton replied:

		Cape Gallons	Natal Gallons
1. 1917	...	1,466	227,582
1918	...	Nil.	238,305
1919	...	Nil.	245,636
1920	...	250	288,196
1921	...	157	300,913
1922	...	53,029	280,121
1923	...	51,731	326,982

2. Yes; but no figures are available.

3. Yes, and the introduction of legislation having this object is now under consideration.

4. It is only possible to render methylated spirit more unfit for human consumption by the addition of a poison; but this is highly dangerous, and would bring the spirit within the scope of the laws governing the sale of poisons, and would therefore seriously curtail its usefulness.

Cape Province

A SPECIAL MEETING was held in the Pharmaceutical Society's Room at Cape Town on April 9. There were present: Messrs. Clancy (President), F. Mathew, S. W. Hill, W. Asher, I. Roytowski, H. Roytowski, J. Sloan, W. A. Sleggs, Doel, A. E. Linley, J. Main, and H. E. Buxton (secretary). The following delegates were appointed to the forthcoming conference of the Associated Pharmaceutical Societies of South Africa: Messrs. Clancy, Dale, Hughes, Mathew, Linley and Asher. The conference agenda was considered at length. Most of the resolutions from various centres received the support of the meeting. In a few instances delegates were specially instructed.

LOCAL DRUG GROWING.—In the course of an article dealing with South African industries, and in particular the manufacture of drugs and perfumes, it is stated that Professor J. W. C. Gunn, Cape Town University, has recently shown that digitalis grown in South Africa possesses full therapeutic strength. Also Professor Compton at Kirstenbosch has succeeded in growing a quantity of colocynth, weighing 8 cwt. after drying.

UNSTAMPED PROPRIETARY MEDICINES.—Mr. A. Ross, chemist and druggist, carrying on business at the corner of Plein and Lelie Streets, Cape Town, was fined £2 under the Patent Medicines Act for exposing for sale unstamped proprietary articles. The case was heard at

the Second Criminal Court, Cape Town, on March 10, when it was given in evidence that Mr. Ross had recently purchased the business, and many of the articles that had been seized were in an unsaleable condition, and had been found in out-of-the-way places, and had not really come under his notice. The bottles of health salts impounded were liable to duty only when the label specified complaints for which they were to be used. Capsuline was almost invariably prescribed by doctors, and some tubes of this preparation had been found in a drawer. Apiol and steel pills were advertised as a patent medicine, but they were exempt, as the ingredients were specified on the bottle, and any chemist could prepare them. The assistant surveyor of taxes said he went to accused's shop in Plein Street and in the course of inspection found the patent medicines enumerated on the list unstamped, fifty-seven packages in all. All the articles were exposed for retail. When asked why the articles were unstamped, defendant said it was old stock that had been put away, and he was not aware that they were unstamped. The duty amounted to 13s. 4d. Mr. Ross said he took over the articles from his predecessor, certain of which might have been overlooked. When purchasing the business in July last he paid close on £50 for stamps that were on the articles in stock, and since then he had paid a similar amount on his current business. He had given orders for everything liable to be stamped. As far as possible they had tried to comply with what was an irksome Act. Some of the goods seized had just come in from the wholesale chemists, and as the Plein Street place was a lock-up shop there was no store where they could be taken out of sight and stamped.

Natal

BUSINESS CHANGE.—Mr. W. Hosking, till recently the honorary secretary of the Natal Pharmaceutical Society, has resigned his position as retail manager for Lennon, Ltd., Durban, with the object of opening a pharmacy in Richmond, Natal, a venture which holds every promise for a successful future.

Transvaal

STRYCHNINE TABLET POISONING.—While playing at his parents' house at Kensington, Transvaal, a four-year-old boy, Douglas Rose Innes, climbed on a chair and took from a shelf a bottle of twenty-five tablets of strychnine and belladonna, which had been prescribed for his mother. He swallowed all the tablets, and shortly afterwards was found dead.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

HAYES (CHEMISTS), LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of pharmaceutical, dispensing and analytical chemists, photographic chemists, opticians, dentists and dealers in drugs and all kinds of chemicals, etc. The directors are: A. Hayes and Mrs. J. Hayes. R.O.: 2 Market St., St. Helens.

KINETIC SOLVENT EXTRACTIONS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturing druggists and chemists, etc. The directors are: E. R. Bugge, Instow, Mucenae Road, S.E.3, H. G. Willett, 77 Froissart Road, Eltham, S.E.9., and G. C. Hurrell, 51 Ulundi Road, Blackheath, S.E.3.

GEORGE DUNCAN, LTD. (P.C.).—Capital £1,000. Objects: To adopt an agreement with G. H. Duncan, and to carry on the business of chemical manufacturers and dealers, chemists, druggists, herbalists, drysalts, dentists, opticians, tobacconists, hairdressers, etc. The directors are: G. H. Duncan and R. Gledhill. Solicitor: A. Wood, 630 Huddersfield Road, Ravensthorpe, Dewsbury.

BRITISH AND COLONIAL CHEMICAL CO., LTD. (P.C.).—Capital £5,000. Objects: To adopt an agreement with J. M. Hastings and P. G. Hastings, to develop and turn to account the business of manufacturers' agents carried

on by them, and to carry on the business of agents, merchants, distributors and manufacturers of chemical and other products, etc. The directors are: J. M. Hastings and P. G. Hastings. R.O.: 24 Westminster Palace Gardens, Victoria Street, London, S.W.

BENGER'S FOOD, LTD., recommend a dividend on ordinary shares of 1s. 3d. per share, free of tax (making 2s. for year), payable May 14.

SINGLETON & COLE, LTD.—The net profit for the year to January 26, 1924, was £13,604, *plus* balance brought forward, making £21,400. The directors recommend a dividend at the rate of 10 per cent. per annum, free of tax, making 7½ per cent., and bonus of 6d. per share, also free of tax, transferring £2,000 to reserve, leaving £7,400 to be carried forward.

BRITISH CYANIDES CO., LTD.—The directors have issued a statement regarding the present position of the company. It is stated that since the last circular was issued prices have fallen still further. At the same time the fertiliser trade in America has suffered a complete upheaval, with the result that that source of income is temporarily suspended. As a consequence of these trade conditions, the company has for the past few months been working at a loss, the standing charges being too heavy. The first unit of plant for the fixation of atmospheric nitrogen disclosed certain defects in course of working, and in the meantime a second unit had been erected. Both have now been closed down and a new furnace is being erected. Quite recently an order has been made by the Court, on the petition of the Government, for the liquidation of the British Potash Co. It is impossible, states the circular, to say at present what sum will be realised for the assets, and it will be necessary to deal with this position in the company's balance-sheet. Sir Arthur Duckham has resigned from the board. During the past few months a new chemical product for use in the motor tyre and other rubber industries has been manufactured at the works, upon which a scientific report has been obtained. In conclusion, the directors state that, while the company is undoubtedly at the present time going through a period of difficulty, they are confident that these difficulties will be overcome, and that the high hopes which they have always entertained for the future of the business will be fully realised.

PARKE'S DRUG STORES, LTD.—The twenty-ninth annual general meeting was held on April 29 at 55 Harwood Street, N.W., Mr. Darryll Warnford-Davis, the chairman, presiding. In moving the adoption of the report and accounts, the chairman said that the profit on trading was down about £700 compared with the previous year, but interest on investments was £300 up. Considering the very difficult year's trading the result was really satisfactory. There was no doubt whatever, said the chairman, that the general public had not the money to spend that they had a few years ago, added to which they had had very poor weather both during the summer and the winter, which reflected in quite an extraordinary way on the retail trade. He was pleased to say that the effort to curtail expenses had met with considerable success. A saving had been made in the cost of repairs and renewals owing to the fact that so much money had been spent during the last few years under that head. Everything necessary, however, had been done to keep the property up to date. It was the intention of the directors to utilise, in some part, the amount invested in National War Bonds towards opening and equipping new branches. Several had been opened already, but up to the present they had been able to finance such extensions out of revenue. The freeholds of the Brixton and Surbiton premises had been purchased during the year, and it was distinctly advisable from time to time to adopt that course; indeed, they had no reason to regret any investment made in that direction in the past. The report and accounts were adopted. An extraordinary general meeting was subsequently held, when a resolution was approved altering the title of the company to "Parkes Chemists, Ltd."

Legal Reports

Safety Razor Blades.—At Bow Street Police Court, London, on April 30, Lewis Freedman, clerk, Whitechapel Road, E., surrendered to his bail to answer charges of having obtained by false pretences the sum of £54 3s. 4d. from Francis Parry Evans, Abertillery, and £6 10s. from George Taylor, Sheffield, with intent to defraud (*C. & D.*, April 26, p. 588). A further remand, without taking more evidence, was agreed to owing to the absence through indisposition of Mr. Graham Campbell, the magistrate who is dealing with the case. The next hearing was fixed for May 7.

The Wording of an Analyst's Certificate.—At Cheltenham Police Court, recently, Mr. Arthur Thomas Willis, chemist, 10 and 11 Suffolk Parade, was summoned for having sold sweet spirit of nitre deficient in ethyl nitrite to the extent of at least 45 per cent. Evidence of purchase having been given, Mr. Haddock, for the defence, submitted that the certificate of the analyst (Mr. G. R. Thompson, Newport) was bad on two grounds—first, because sweet spirit of nitre was particularly liable to decomposition and the certificate did not state whether any change had taken place in the constitution of the article which would interfere with the analysis, and, secondly, that the certificate was too vague and did not contain the necessary data to enable the justices to form an opinion as to whether or not the offence had been committed. The defendant's explanation, as reported by a police witness, was that the bottle from which the sample was taken was part of the stock that he acquired with the business in March 1922. Mr. William Johnston, Ph.C., Brixton, S.W., called for the defence, said that there was no drug in the Pharmacopœia more liable to decomposition than sweet spirit of nitre. Cross-examined, the witness said that personally he should not keep such spirits longer than six months, but his experience was that a large number of chemists overlooked the point. The case was dismissed.

A Dispute over Empties.—In the Mayor's and City of London Court, on April 29, The British Drug Houses, Ltd., Graham Street, N., sued the London Bottle Co., Ltd., Old Kent Road, S.E., for the sum of £70 10s. in respect of empty boxes returned to the defendants. Mr. Monckton, for the plaintiffs, said that in 1918 they were supplied with bottles by a firm named Abbotts Glass Works, Old Kent Road. Bottles were delivered in boxes which were invoiced at 5s. each, and the boxes were returnable. Early in 1922 the Abbotts Glass Works went into liquidation, and the assets were purchased by the defendants. At that time the plaintiffs had a number of boxes on hand; and when Mr. Yarrow, who was connected with the Abbotts Glass Works, subsequently called as traveller for the defendants, he told a representative of the plaintiffs that those boxes could be returned in the ordinary way and would be allowed for. The amount claimed represented the difference between the value of the boxes returned and the credits which had been given by the defendants for the returns. Mr. Peter Anderson, for the defendants, said that with the exception of £50 10s., the whole of the boxes which had been invoiced by the defendants to plaintiffs had been credited, and that sum had been paid into court. With regard to the balance, the defendants had not taken over the liabilities of the Abbotts Glass Works; and Mr. Yarrow, who, it was admitted, was a traveller for defendants, nevertheless had no authority to make the arrangement referred to. The boxes were only worth from 4d. to 6d. each, and the defendants denied liability to accept the return of boxes which had not been invoiced by them. Judge Shewell Cooper said the case rested to some extent upon the authority, actual or apparent, possessed by Mr. Yarrow to make the arrangement mentioned. His honour added that he was satisfied that Mr. Yarrow had no actual authority; but, in view of the fact that the plaintiffs had known him and had done business with him prior to his entry into the employment of the defendants, he (the judge) had to hold that the bargain made was within the scope of his ostensible authority. There would be judgment for the plaintiffs, with costs.

In his view, it was an unfortunate custom in the trade that boxes which were apparently only worth 4d. to 6d. should be invoiced at the value of 5s.

Award Set Aside.—An arbitration matter arising out of a contract between Mr. Jean H. Bregeat, Paris, and the Leto Photo Materials Co. (1905), Ltd., Edgware, was heard by Justices Sankey and Greer, sitting as a King's Bench Divisional Court, on April 30. For the Leto Co., the respondents, Mr. R. A. Willes said their motion was to set aside the award of two arbitrators on the grounds that they decided the case contrary to law, exceeded their jurisdiction, had not decided the real question between the parties, and that their findings and the award were inconsistent. There was also a motion by Mr. Bregeat, the claimant below, for whom Mr. Robertson appeared to remit the award to the arbitrators on the ground that it was ambiguous and inconclusive. The matter in dispute arose under a contract between the Leto Co. and Mr. Bregeat, dated July 1920, and it was a complicated agreement which had two objects and affected two things. It amounted to a licence by Mr. Bregeat to the Leto Co. to work a process for reclaiming ether and alcohol from gases in their works, and for a second purpose it was an agreement by Mr. Bregeat to supply plant for the purpose of working his patent under the licence; and the agreement to supply plant contained an express undertaking by the patentee that the plant should have a certain capacity. The dispute arose over payments under the agreement. The arbitrators awarded:—(a) That the part of the purchase price now due and payable to the licensor under the agreement should be forthwith paid to him by the licensee; (b) that the balance of the purchase price payable in the future should be paid to the licensor by the licensee on the date provided by the agreement; (c) that the plant supplied was not in accordance with the contract and that the licensee were entitled to recover £1,100 as damages from the licensor; (d) that the licensor was not entitled to be paid any part of £229 12s. 6d. in respect of attendance of his engineer at the licensee's works; (e) that the costs and charges of the award should be paid by the parties in equal moieties. Mr. Willes submitted that the arbitrators had failed to deal with the question of royalties, and he contended that the award should be set aside in order that the dispute could be properly tried. Mr. Robertson, for Mr. Bregeat, contended that the arbitrators meant, when they talked about the purchase price, not only the price of the actual machine, but also the royalties, the two having been lumped together. He wanted the award to be sent back in order that they could specifically deal with that point. Giving judgment, Mr. Justice Sankey said he had come to the conclusion that the proper thing would be to set aside the award, and that the whole matter should be remitted to the same arbitrators for further consideration. Mr. Justice Greer agreed.

Bankruptcy Reports

Re Arthur Inger, 125 Upwell Street, Sheffield, pharmacist.—The receiving order in this matter was made recently on the debtor's own petition. The first meeting of the creditors was held on April 17 at the official receiver's office in Sheffield. The following are among the creditors: Ayrton Saunders & Co., Ltd., Liverpool, £35; The British Drug Houses, Ltd., London, £15; Butler & Sons, Leicester, £15; Cuxson, Gerard & Co., Ltd., Birmingham, £13; Evans Sons Lescher & Webb, Ltd., Liverpool, £20; Hirst, Brook & Hirst, Ltd., Leeds, £10; Harrogate Tablet Co., Ltd., Harrogate, £11.

ROTHAMSTED EXPERIMENTAL STATION.—It is announced that students' societies and other bodies interested in agricultural science are invited to visit the Rothamsted Experimental Station, Harpenden, to observe such features as the results of fertilising mixtures during the coming summer. All communications should be addressed to the secretary.

Fine-Chemical Workers' Wages

THE National Drug and Chemical Union, acting with other unions haying members in the drug and fine-chemical industry, has submitted to the Drug and Fine Chemical Manufacturers' Association a series of draft proposals, the text of which we give below. The industrial problem in the drug trade in its wider aspects was dealt with in THE CHEMIST AND DRUGGIST, I, 1920, p. 849, and II, 1923, p. 48. The preliminary synopsis of proposals supplied by the Union states, *inter alia*—

"Since May 1922, when employers commenced to enforce reductions, there has been little or no contact between organised drug and chemical workers and organised employers, resulting in the break-up of standardised wages and conditions as such. . . . The application has no relation to so-called cost of living (fodder basis) figures, but is an attempt on the part of organised drug and chemical workers to secure conditions and wages more commensurate with the high skill, risk and responsibility of their work. That the trade can pay these wages there is no question. Firms not members of the Drug and Fine Chemical Manufacturers' Association are in certain cases paying higher wages than those who are members."

Draft Proposals

I. WAGES

Males, 21 years and over

Departmental foremen	...	20s. above grade rate
Deputy departmental foremen	...	
and dispatch clerks	...	10s. " " "
Sectional charge hands	...	7s. 6d. " " "

Grade 1.—£3 15s.

Timekeepers	Chemical process workers
*Grinders, drug and chemical	Countermen (wet or dry)
	Sundriesmen
*Mercurial workers	Stock-keepers
Pill, tablet, lozenge and capsule makers	Drug checkers, stillmen
Galenical process workers	Goods receivers (including empties and returns)

Grade 2.—£3 10s.

Packers for transport (home and export)	Lift and hoist attendants
All assistants to men in Grade 1 (except counter-men)	Watchmen

Grade 3.—£3 5s.

Bottle washers	Porters
Labourers	Loaders and unloaders
*Extra pay 1d. per hour, in view of nature of work. This provision to also cover assistants (Grade 2). Shift workers, 2d. per hour extra.	

Females, 18 years and over

Charge hands	...	5s. per week above grade rate
Forewomen	...	10s. " " "

Grade 1.—£2 5s.

Fillers and finishers (poisons and deleterious drugs and chemicals)	Pill, tablet, pastille and lozenge hands
Process workers	Capsule and suppository makers
Granulators	

Grade 2.—£2.

Fillers and finishers (other than stated in Grade 1)	*Bottle washers
	General hands

*Those engaged on dirty or heavy work, 2s. 6d. extra.

Wherever females are employed and doing similar work to males, they shall receive the rate of wages set out for males.

Junior Rates

Male			Female		
14 years of age	...	15s.	14 years of age	...	14s.
15 " "	"	20s.	15 " "	"	17s.
16 " "	"	25s.	16 " "	"	22s.
17 " "	"	30s.	17 " "	"	28s.
18 " "	"	35s.	18 years and over, grade rate		
19 " "	"	45s.			

21 years and over, according to grade

Juvenile labour limited to one to four adults.

II. HOURS.—Male and female workers, other than shift workers, 44 hours (excluding recognised meal and rest time, if any) shall constitute a full working week, without prejudice to employees in firms which are working less. Meals shall be taken only at times to be arranged mutually in each factory between employer and employees.

III. OVERTIME.—(Workers other than piece-workers).—Time and a half up to starting time next morning. Saturday overtime: Time and a half first two hours, double time after, Double time on Sundays, Boxing Day, Good Friday, Easter Monday, Whit Monday, August Bank Holiday, Christmas Day, and any other statutory general holiday, or, in Scotland, a corresponding number of public holidays. Each day to stand by itself.

IV. HOLIDAYS.—After one year's service, 12 working days, in addition to all statutory and customary holidays. Employees with less than 12 months' service to have one day for every month of service, and also to have all statutory and customary holidays.

V. PAYMENT DURING ILLNESS.—Full wages payable during absence through illness, providing medical certificate is produced within 48 hours of commencement, and thereafter weekly if required by the employer.

VI.—Clogs, overalls, dust caps, rubber gloves, respirators, goggles to be provided wherever necessary.

VII. PIECE WORK.—That the employers and the work-peoples' representatives meet jointly and arrange a schedule of piece-work prices, as will at least yield 33½ per cent. over and above time rates.

VIII. DIFFERENCES RE INTERPRETATIONS OF THIS AGREEMENT.—Any differences arising where union officials and employer or employers in question cannot agree, the question shall be referred to a joint committee of employers' and work-peoples' representatives, and its decision shall be final. In the event of the said joint committee being unable to agree, the dispute shall be referred to an arbitrator mutually agreed upon by the parties, or, failing agreement, to an arbitrator appointed by the Ministry of Labour.

IX. APPLICATION OF AGREEMENT.—This agreement applies to employers and workpeople engaged in the trades of the manufacturing and wholesale distribution of fine chemicals, drugs, druggists' sundries, proprietary medicines and essences.

X. REVISION OF RATES OF WAGES.—Either party to this agreement, by giving 21 days' notice, may make application in the months of February, June and October to revise the rates of wages provided for in this agreement. Any changes which are the subject of such agreement shall take effect as from the first pay-day in April, August or December respectively.

XI. GENERAL PROVISION.—Nothing in this agreement shall prevent any employer, who, prior to its date, was accustomed to pay higher wages or to give longer holidays than are provided for above, from continuing to carry out his obligation, in substitution of, but not in addition to, those set forth above.

Retail Pharmacists' Union

Hull.—At a meeting of the Hull Branch, on April 15, Mr. T. H. Newton, who was the delegate for Hull at the recent London Conference, gave his report. Unfortunately, only just over a score of members attended, in spite of the fact that a larger room had been taken at the Grosvenor Hotel. The fact that the trade Press had already given a report of the Conference was probably the cause of the small attendance. When a letter relating to the Shop Hours Act was read a discussion arose as to what were articles of immediate necessity. Mr. R. F. Jones, the chairman, said that all risk might be avoided if customers after shop hours were asked to obtain a doctor's prescription for articles which the chemist might be cautious in supplying. A vote of thanks to Mr. Newton for acting as delegate was passed, also a resolution that the Insurance terms for 1924 be accepted.

Leamington.—The Warwickshire branch met on April 24, Mr. Hutton presiding. It was decided to support the London Chamber of Trade in their efforts to obtain a reduction of the duty on spirits used in the manufacture of perfumery. It was resolved that a letter be sent to those proprietors who had adopted private schemes for price protection, asking them to join the Proprietary Articles Trade Association. A letter from Headquarters as to what constituted a "closed shop" under the Shop Hours Act was read. The secretary then gave a report of the Conference in London.

Pharmaceutical Society of Great Britain

Major Examination Results

THE following seventeen candidates were successful at the Pharmaceutical Society's Major examination, held in London this month, when thirty-one candidates were examined:—

Bankes, Henry A.	Hobling, Kathleen M.
Bastow, Sidney W.	Marriott, John T.
Brackenbury, Olive E.	Martin, Harold R.
Byrde, Christine C.	Mazloun, Renato V.
Clayson, William M.	Meng, Moody
Elford, Irwin G.	Sharp, John R. S.
Ellison, William	Whaite, Walter E.
Fleming, Dorothy	Williams, Ernest H.
Gavin, Lilian F.	

Branch Meetings

Bromley.—The West Kent (Bromley) Branch held a meeting on April 9, when a lecture on *Scrums, Vaccines and Allied Products* was delivered by Dr. Stanley White. One interesting fact mentioned was to the effect that it is now possible to standardise cod-liver oil in terms of fat-soluble A units. The lecture was illustrated by lantern slides. A number of local medical men were present.

London (E.).—A meeting of the East Metropolitan Branch was held at the Y.M.C.A. Rooms, Forest Gate, E., on April 24, Mr. W. J. Beardsley (chairman) presiding. Of the candidates for the forthcoming Council election who had been invited to address the members, only Mr. F. A. Lawman and Mr. Hugo Wolff were able to be present. Both gentlemen gave a brief outline of their programme, after which the secretary (Mr. W. E. Gaze) read letters from Miss Buchanan, Mr. T. Hardy, Mr. James Jack, and Mr. J. Keall, stating their views and asking members for their support. The meeting was opened for discussion. Mr. C. Andrews Pratt asked if the Home Office regulation that all Dangerous Drugs Act poisons must be stored in locked rooms or cupboards is official. Mr. J. Reed said that owing to the large influx of qualified men into the business it was necessary for the Society to watch their interests. He considered where several assistants are employed it is essential that a fair proportion should be qualified. Mr. E. J. Raynor hoped the Society would stimulate the investigation of the keeping properties of medicines, and suggested it might be possible to do something in their laboratories. Mr. W. Gray wished some definite action to be taken with regard to the indentures of apprentices, as discussed at the last British Pharmaceutical Conference. Mr. W. Potter said he remembered Mr. Hugo Wolff addressing the West Ham Association six years ago, when a candidate for the first time, and said how much he valued the good work Mr. Wolff had done on the Council. Mr. A. R. Keith, member of Council, said he admired Mr. Wolff for the progressive manner in which he carried out his duties on the Council, and hoped he would be returned again. He asked all to vote for his friend, Mr. James Jack, who had done a lot of good hard work up North and was a representative Scotsman, and not to forget Mr. Neathercoat, who was a first-rate President. A vote of thanks was accorded to Mr. Wolff and Mr. Lawman, the members pledging themselves to further their candidature.

Stockport.—The annual meeting of the Stockport Branch took place recently, Mr. A. E. Mills in the chair, at which the following were elected officers:—*President*, Mr. A. E. Mills; *Secretary*, Mr. H. T. Morley; *Treasurer*, Mr. F. Inglis. Messrs. Inglis and Mills were appointed delegates to the B.P. Conference. A picnic charabanc was proposed for Whit-Friday. The attendance of members from outlying districts was very encouraging.

Festivities

South-West Londoners' Dance and Whist-Drive

THE South-west Metropolitan Branch of the Pharmaceutical Society held a successful dance at Wandsworth Town Hall recently, which was well attended, among those present being Mr. and Mrs. Skues, Mr. and Mrs. Mills, Mr. and Mrs. D. A. Rees, Mr. and Mrs. Wells, Miss Borrowman, Mr. and Mrs. F. Gulliver, Mr. and Mrs. Barratt, and Mr. and Mrs. Irwin (Ealing). Many novelties were introduced and an enjoyable evening was spent. Mr. Harris acted as M.C.—The South-west London Chemists' Association held a whist drive at Clarence Rooms, Coldharbour Lane, on April 9, Mr. Barratt (President) acting as M.C. The attendance was almost a record one, nearly two hundred being present, and the wholesale trade was well represented. The thanks of the Association are due to S. Maw, Son & Sons, Ltd., Burgoyne, Burbidges & Co., Ltd., Britton, Malcolm & Waymark, Ltd., Allen & Hanburys, Ltd., Francis Newbery, Ltd., T. R. Bristow & Co., Ltd., Vinolia, Ltd., Wright, Layman & Umney, Ltd., and D. & W. Gibbs, Ltd., for the prizes, which were won by the following:—*Ladies*: Mrs. Parker, Mrs. Mikkelsen, Mrs. Wells, Mrs. Essex, Mrs. Wrench, Mrs. Gough, Mrs. Lingwood and Miss Fuller. *Gentlemen*: Mr. Whelan, Mrs. Shanahan, Mrs. Witham, Mr. Hersant, Mr. Farrow, Mr. Rowland, Mr. Mikkelsen, and Mr. Rowley.

The Finishing Touch

The members of the Western Pharmacists' Association of London indicated that they had thrown over, temporarily at least, all the cares of the past session by organising a very successful dance at the Portman Rooms on Wednesday, April 30. In spite of the very inclement weather, quite 100 members and friends were present, and under the skilful but unobtrusive direction of Mr. B. R. Wilkinson (such things as M.C.'s and programmes are, we gather, "not done" in modern dances), the company thoroughly enjoyed themselves. Maturity vied with youth in making every fox-trot and every waltz as cheery and as successful as possible. Two pharmaceutical Councillors took part—Mr. A. R. Melhuish (together with Mrs. Melhuish, two daughters and some friends), and Mr. Herbert Skinner (with Mrs. Skinner), while a potential Councillor (Mr. F. A. Lawman) was likewise prominent. The President of the Pharmaceutical Society was unable to attend, but Mrs. Neathercoat delegated very successfully in his stead, and among others to be observed were Mr. and Mrs. C. A. Noble (with Mr. Frank Noble and Miss Dora Noble), Mr. and Mrs. H. S. Watson (with Mr. J. Watson and Miss Muriel Watson), Mr. and Mrs. W. Browne and Miss Browne, Mr. and Mrs. Bonner, Mr. and Mrs. Wm. Chalmers, Mr. and Mrs. George Tocher, and Mr. Tyler. From the reluctance with which the party dispersed at 11.30 it was perfectly evident that the evening was an unqualified success, due largely to the untiring efforts of the President, Mr. Harry Martin, and his able and earnest coadjutors, Messrs. J. P. Ellerington and W. B. Falding.

A TINY RECEIVING SET.—Mr. Caswell A. Mayo, well known in American pharmaceutical circles, who has delivered several talks over the radio (a recent one being "Medicine in the days of King Tut-anh-amen"), has made a tiny radio set inside a pill box. In an ingenious way he has melted paraffin to form a small condenser. He is able to hear local stations with the miniature apparatus.

MUNICIPAL ADVERTISING.—A recent meeting of Harrogate retailers, convened by the chamber of trade, was addressed by Sir Ernest Bain, chairman of the town's publicity committee, on the subject of greater advertising for the benefit of traders and other townspeople. He said that the advertising expenditure of the municipality had gone up from small beginnings to a sum of £6,000 per annum, and he asked for endorsement, by the traders, of advertising not only to that extent but even further. The meeting endorsed the policy of the corporation.

Council Candidates

III

In our issues of April 19 (p. 574) and April 26 (p. 590) we have given biographical details concerning four of the nine candidates for the seven positions of the Council of the Pharmaceutical Society that fall vacant during the present month, together with an epitome of their views. We now continue the series with portraits of and communications from Mr. F. A. Lawman and Mr. Hugo Wolff.

The following addition to Mr. E. T. Neathercoat's letter was received by us after the letter had gone to press:—

"I have every reason to believe that the views expressed above are in accordance with the opinions of each of my colleagues who are standing for re-election at the forthcoming election."

Mr. F. A. Lawman

was born and educated at Brighton. He was apprenticed to Mr. S. B. Hardcastle, East Street, where among



MR. F. A. LAWMAN

his contemporaries were Mr. Wallace Heaton and Dr. F. C. Crossley-Holland. Mr. Lawman also managed the business of the late Mr. Churchill, Brighton, for a time, and while with Wardley & Clarke, Tonbridge, became acquainted with the requirements of a country business with plenty of dispensing. He studied in 1906 at the London College of Pharmacy, where he secured the silver medal for chemistry and physics and the bronze medal for materia medica. His bench companion there was Mr. (now Councillor) H. O. Lloyd. After experience in a Regent

Street pharmacy, which he subsequently managed, and a spell of travelling, chiefly in the North of England and Scotland, he became a departmental manager and finally sales manager for Parke, Davis & Co. Last year Mr. Lawman joined the directorate of the Vinolia Co., Ltd. At the July meetings of the International Pharmaceutical Federation and the British Pharmaceutical Conference, he served on the Local Committee, and played an important part in securing the interest of Lord Leverhulme in pharmaceutical education. He sends us the following summary of his policy:—

The upholding of the dignity of the Society, the extension of its usefulness, and the greater utilisation of its library and museum; the preservation of the title "chemist," a further effort to secure adequate rank for pharmacists in the services, and registration based solely on qualification by examination.

The provision, when possible, of even better educational facilities, increased publicity for the old scholarship schemes, vigorous prosecution of the new, and greater inducements for apprentices to become student-associates; the encouragement of higher education and research, but the continuance of the Minor as at present constituted.

The augmentation of the revenue of the Society by increased membership, thus, perhaps, permitting a consideration of a reduction of the statutory subscriptions. The development of the "Journal" not in competition with any trade paper, but as the official organ of a scientific society concerned with the education, enlightenment, and welfare of its members.

The creation of a development [committee], or strengthening of the Organisation Committee, to provide an additional link and to become the chief channel of com-

munication between existing committees and the branches for the following purposes:—

To deal through the public Press, when necessary, with misstatements and false impressions with regard to pharmacy which, otherwise, might prejudice the reputation of members; to take steps to enhance the public appreciation of the title "M.P.S."; to prepare for the consideration of the Law or other Committee concerned a case for the amendment of the D.D.A. which, without infringing the spirit, will get rid of its unnecessarily onerous features. To continue to develop the spirit of good-fellowship so that the Society will become an even greater power for good, by developing one or more or all of the following ideas:—

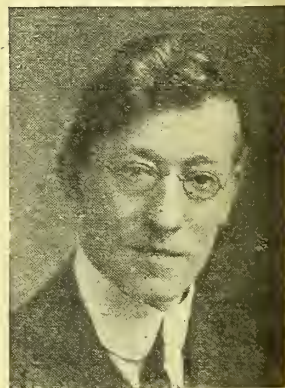
Promotion of increased interest in the Society's library, museum, and all the available scholarships; a greater effort to secure more student-associates. Special notices dealing with all scholarships at regular intervals (and in varying forms to secure attention) to branch secretaries and all recognised schools and colleges. An effort to secure a higher percentage of membership with increased use of the "Journal" for keeping the Society in closer touch with its members. Organisation of a more intimate character to support the Benevolent Fund and closer co-operation with the branches. Development of a series of circulars—"Branch Links"—to local secretaries to provide another link between headquarters and branches, and branch and branch. Development of headquarters as a really useful centre for all pharmacists visiting London.

Mr. Hugo Wolff

qualified in 1902, and four years later established himself in business at Tottenham, London, N. Of late years

Mr. Wolff has become widely known, both as a member of the Pharmaceutical Society's Council and as sales manager of Glaxo. In addition, he has put in an astonishing amount of work in such capacities as President of the North London Pharmaceutical Association, secretary of the Middlesex Association, member of the Middlesex Insurance Committee, and secretary of the Face Values Committee which arose during the last months of the European war. Mr. Wolff reminds us that on the occasion of his first election to the Council, six years ago, his programme was devised to ensure that the Council should either deal with trade matters in such a way as to help pharmacists to make a better living out of their business, or admit frankly that the Society's constitution did not permit of such matters being dealt with. Mr. Wolff adds:—

During the last few years various Government departments have inflicted upon us certain Orders in Council and Regulations which, while having the effect of safeguarding our monopoly in the sale of poisons, have proved most irksome to the retailers in business. It may not be policy to oppose Government departments in this direction, but I do hold the view that we must closely watch every move that is made, and we should resist to the utmost all Regulations and Orders which tend to make business more difficult. I am apprehensive lest we should in due course become carded, ticketed, docketed and indexed out of business. If pharmacists give me their support and I am returned to the Council, I can assure them that every bit of business ability that I may possess, or accumulate in due course, will be used to further their interests, which, incidentally, are entirely my own, seeing that all the money that I possess is invested in retail pharmacies in this country.



MR. HUGO WOLFF

Pharmaceutical Botany

LV. Bittersweet

Solanum Dulcamara, Linné, commonly known as Bittersweet, or woody nightshade, is a plant with a woody root, shrubby at its base, and sending up each year straggly climbing branches. The thin aerial stem is intermediate between a straggling branch and a true climber and may reach a height of six feet or more as it scrambles through the hedgerows or thickets in which it grows. The plant prefers moist shady situations, and is quite common in England. The upper parts of the shoots are soft and die back considerably in autumn. The persistent portions (usually two or three years old) are gathered, after losing their leaves, and cut into short pieces to form, when dried, the bittersweet or "stipites dulcamara" of commerce. The fresh stems have a greenish-grey on yellowish-brown cork, a light-coloured wood, and a spongy pith. On drying the pith collapses, so that the stems become hollow. They also lose the



FIG. 177.—*SOLANUM DULCAMARA*.

unpleasant odour of the fresh plant. The shining outer corky layer is readily removed by scraping, exposing a green under-surface of primary cortical tissue. Two or three sharply defined annual rings are visible in the hollow wood of the older stems. The taste is at first slightly bitter, but becomes sweetish as the glucoside it contains (dulcamarin) is hydrolysed by the saliva; hence one of the common names for the plant. The leaves are arranged alternately and stalked (petiolate). They are two to three inches long, those below being more or less heart-shaped (ovate or cordate), with acute apex; but the upper ones also bear two lobes or leaflets at right angles, making it halbert-shaped (or hastate, cf. 177.) The laterally borne inflorescences are cymose. The rather small but noticeable flowers appear in June or July. The central yellow cone of anthers contrasts strongly with the star-shaped (rotate) purplish-blue corolla with two green spots at the base of each segment. Bittersweet shows a further advance in cohesion of floral members. Not only is the calyx gamosepalous (usually fused) and the corolla united (though the tube is short), but the anthers have also become adherent together, and move as a whole when an insect visits the flower for nectar. The pollen is shaken out of apical pores (not slits). These features became more marked still as floral evolution progresses, as will be seen in the Composite,

the highest of all plant types. The ovary is two-celled, with many ovules on axile placentæ, as in other Solanaceous genera, and are succeeded by small round red berries. These are usually regarded as poisonous, owing to the glucosidal alkaloid solanine (content about 0.5 per cent.). This is also found in all parts of the plant and in other members of the genus, including the potato (*Solanum nigrum*). The tubers of the latter contain less than any other part of the plant, and boiling during cook-

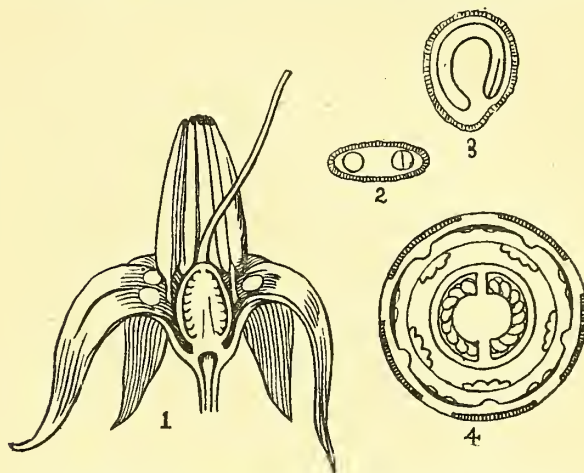


FIG. 178.—FLOWER, SEED, AND FLORAL DIAGRAM OF BITTERSWEET.

(1) Section of flower, showing spots at base of long lobes of corolla, cone of adherent anthers, and superior ovary with axile placentas. (2) Transverse and (3) longitudinal sections of seed, showing curved embryo. (4) Floral diagram of flower of Bittersweet. Note that this is the first example in our series of adhesion in all the different floral levels (calyx, corolla, stamens, and carpels).

ing normally destroys the poisonous substance. Potatoes greened by exposure to light are more dangerous, and have caused accidental deaths when fed raw to live stock. The active principle of bittersweet is considered to be the glucoside dulcamarin, which accounts for its peculiar behaviour on tasting. (See above.) Bittersweet is rarely prescribed nowadays; formerly, in the form of a decoction, it was used as a popular remedy in rheumatic or gouty conditions and for skin eruptions.

Recent Patents

Abstracts of specifications of recently-granted patents for inventions. The complete specification (i.e. each including postage) of British patents can be obtained from the Patent Office, 25 Southampton Buildings, London, W.C.2, on quoting the name of the patentee and the number of the patent.

Photographic Medium.—A photographic process for reproducing designs on surfaces coated with a composition containing tung oil treated with a metallic resin to increase its sensitivity to light. (The Wadsworth Watch Case Co. 203,285.)

Vaporiser.—An apparatus consisting of an indiarubber bulb fitted at one end with a metal inlet plug, and at the other end with a metal container, in which is placed a sponge charged with a medicated solution, provided with a nozzle. (J. W. Smith. 213,324.)

Sulphide Toning.—A process for toning and intensifying photographic positives obtained by development, consisting in the use of an organic nitro-compound, e.g., sodium *m*-nitrobenzene sulphonate, nitrobenzene, in conjunction with a sulphide. (W. B. Shaw. 213,354.)

Yeast Stimulant.—A process for preparing a product designed to stimulate the growth of yeast in bread-making, obtained by treating an extract of bran with koji, or a diastatic solution of malt, and eliminating the enzymes. (International Takamine Ferment Company. 201,512.)

Westminster Wisdom

By the "C. & D." Parliamentary Representative.

MAGADI SODA CONCESSION

Mr. Ormsby-Gore asked the Secretary of State for the Colonies, in the House of Commons on April 29, whether, in view of the fact that Messrs. Brunner Mond made an offer to take over and work the assets of the Magadi Soda Company in Kenya, which offer was conveyed by him to the Government of Kenya, that the Government of Kenya informed him that they were willing to accept Messrs. Brunner Mond as tenants, and that the proposed transfer of the assets of the old Magadi Soda Company to Messrs. Brunner Mond was approved by the liquidator, he will state why, on March 24, he informed the Government of Kenya and Messrs. Brunner Mond that he will refuse to renew the soda concession to Messrs. Brunner Mond?

Mr. Thomas replied that a scheme for the reconstruction of the Magadi Soda Company was prepared during 1923, approved by the liquidator, the Kenya Government and his predecessors and circulated to the shareholders last January. Messrs. Brunner Mond then came forward with an alternative scheme which the liquidator and the Kenya Government were prepared to accept, but after careful consideration it was decided that the scheme approved by his predecessors should stand, as it offered better prospects of maximum production from Lake Magadi. In view of the recent order for compulsory liquidation, negotiations on the whole question have been reopened.

THE BUDGET STATEMENT

The following are the chief changes proposed by the Chancellor of the Exchequer in his Budget statement in the House of Commons on April 29, referred to elsewhere in this issue:—

Reductions in Taxation

Tea duty.—From 8d. to 4d. lb.
 Cocoa.—From £1 8s. to 14s. cwt.
 Cocoa butter.—From 3d. to 1½d. lb.
 Coffee.—From £1 8s. to 14s. cwt.
 Chicory.—From £1 6s. 6d. to 13s. 3d. cwt.
 Sugar duty.—From £1 5s. 8d. to 11s. 8d. cwt.
 Molasses.—From 16s. 3d. (maximum) to 7s. 5d. cwt.
 Glucose, solid.—From 16s. 3d. to 7s. 5d. cwt.
 Glucose, liquid.—From 11s. 8d. to 5s. 4d. cwt.
 Saccharin.—From 8s. 3d. to 3s. 9d. oz.
 Raisins, figs and plums.—From 10s. 6d. to 7s. cwt.
 These are customs rates; excise rates differ slightly in some cases. The preferential rates remain at five-sixths of the full rate.

Duties Repealed

Corporation Profits tax, as regards profits arising after June 30.
 Inhabited House Duty, from the beginning of the year of assessment, 1924-5.
 "McKenna" duties (import duties on cinematograph films, clocks and watches and parts, motor-cars, motor-cycles and accessories, and musical instruments) from August 1.
 Table waters duty on sweetened or fermented beverages and herb beer.
 Entertainment tax on seats up to 6d. (up to 1s. 3d. reduced).

Telephone Concessions

Unit calls (5 miles).—Reduced from 1½d. to 1d., from July 1.
 Unit calls (5 to 7½ miles).—From 2½d. to 2d.
 Removal charges to be reduced.
 General reduction in trunk call charges.
 Small concessions have also been made in motor-licence duties, according to the date of taking out the licence.

The estimated loss due to the proposed alterations referred to above is £34,050,000 in 1924-5, and £47,943,000 for a full year.

Personalities

MR. CORNELIUS BAXLEY, chemist and druggist, Uppingham, has been elected chairman of the Parish Council.

MR. E. A. ONYON, chemist and druggist, Mayor of Eye, has been placed on the commission of the peace for the borough.

COUNCILLOR B. HOLDEN, chemist and druggist, Blackburn, has been appointed to the education committee of the Town Council.

MR. E. F. DUCK, youngest son of Mr. W. G. Duck, chemist and druggist, Cardiff, has passed the final examination for the M.R.C.S. and L.R.C.P. diplomas.

COUNCILLOR ALBAN ATKIN, M.P.S., West End Lane, London, N.W., has been re-elected a member of the assessment committee of the borough of Hampstead for the year 1924-25.

IN succession to Mr. Stone, resigned, as their representative in South London, Eueryl, Ltd., Southampton, have appointed Mr. H. Auliff, who will take up his duties on May 5.

MR. HAROLD HUNT, professional manager of Kolynos, Incorporated, sailed for the United States, on April 30, in order to visit the American Medical Convention at Chicago and various other dental meetings. Mr. Hunt hopes to return in July.

MR. J. T. SUNMAN, chemist and druggist (J. T. Sunman & Son, chemists, Wellington Street, Luton), and Mrs. Sunman celebrated their diamond wedding on April 21. Among the congratulations was a telegram from their Majesties the King and Queen.

MR. W. B. McLAREN, chemist and druggist, who has been assistant dispenser at the General Post Office, London, since 1912, has been appointed to the post of chief dispenser. Mr. McLaren served his apprenticeship with William Doig & Son, chemists, Dundee and Newport, Fife.

DURING the recent visit of the Home Secretary (the Right Hon. Arthur Henderson) to Carlisle and the district, he was entertained by Mr. and Mrs. Thomas Hardy, Maryport. It would not be surprising to learn that the subject of Dangerous Drugs Act Regulations was tactfully introduced.

ONE of the first of our Overseas visitors for the Wembley Exhibition is Mr. Thomas Alexander Irvine, chemist and druggist, Dromore, Sydney, N.S.W. Mr. Irvine is over here with Mrs. Irvine for some months, and hopes to renew old acquaintances and to make new ones in the drug trade. Letters addressed to him care of THE CHEMIST AND DRUGGIST will be forwarded to him.

MR. H. G. McROBERTS, managing director of Duerdin & Sainsbury Proprietary, Ltd., wholesale druggists, Melbourne, has left Australia per s.s. "Orsova" on a visit to this country, and is expected in London about the middle of the present month. Mr. McRoberts, who is accompanied by Mrs. McRoberts and their younger son, is making a stay of six months. He may be addressed c/o the Commercial Bank of Australia, Ltd., Moorgate, E.C.2.

MR. F. W. ARMSTRONG, chemist and druggist, Seaham Harbour, has been elected chairman of the local urban district council, of which he has been a member for five years. Born at West Stanley, Mr. Armstrong served his apprenticeship with Mr. J. Brown, chemist and druggist, at Chester-le-Street, and gained further experience at Newcastle, Tunbridge Wells and Ipswich. He passed the Qualifying examination in 1891 and went to Seaham Harbour seventeen years ago. Mr. Armstrong has taken considerable interest in public affairs, and Mrs. Armstrong is well known as a successful promoter of amateur dramatic performances.

NEW AIR MAIL.—The institution of an air mail from Liverpool to Belfast is announced, with a fee of ½d. per 2 oz., in addition to ordinary postage.

Births

Notices for insertion in this column must be properly authenticated.

WARNER.—On April 20, the wife of Charles M. Warner, M.P.S., Stafford Road, Wolverhampton, of a son.

Marriages

ANDERSON—SMITH.—At the Abbey Church, Pershore, on April 21, Gilbert Norman Anderson, M.B., Ch.B., to Margaret Isobel, third daughter of Mr. Arthur W. Smith, chemist and druggist, The Square.

BAILEY—L'ANSON.—At St. Silas's Church, Blackburn, on April 24, Robert Harper Bailey, chemist and druggist (Harrison & Bailey, chemists, Clitheroe) to Winifred L'Anson, Blackburn.

CROOK—BULMER.—At the Parish Church, Halifax, on April 17, Oscar Crook, chemist and druggist, to M. L. Bulmer.

FIRTH—CHUDLEIGH.—At the Parish Church, Moreton-hampstead, on April 22, Harry Firth, chemist and druggist, to I. L. Chudleigh, L.R.A.M.

HAYWARD—LEE.—At Belper, on April 22, Sydney John Hayward, chemist and druggist, to Marion Lee.

HOWARD—WALKER.—At St. Mary's Church, Burwell, recently, Robert Wilson Howard, chemist and druggist and dentist, to Euphemia Walker, chemist and druggist, elder daughter of the late Mr. James Walker, chemist and druggist, Saltcoats.

SKELSEY—BRINSON.—At St. Peter's Church, Rock Ferry, Birkenhead, on April 22, Sidney Leetham Skelsey to Gwendolen Pearl, youngest daughter of Mr. W. St. Clair Brinson (a director of Evans Sons Lescher & Webb, Ltd.), Frankham, Egerton Park.

YEATES—BROWNING.—At Hagley Church, on April 21, by the Rev. R. Burns, M.A., assisted by the Rev. Henry Browning, M.A., father of the bride, Charles Winstone Yeates, M.P.S., Stourbridge, to May Browning, B.A., Hagley.

Deaths

CHENEY.—At Worthing, on April 18, suddenly, Mr. Henry Robert Cheney, Ph.C., 21 High Street, Leominster, aged sixty. Mr. Cheney passed the Major examination in 1889, and was then for a time with Hallawell & Co., a firm of wholesale chemists in Brazil, in which country Mr. Cheney passed the highest examination in pharmacy within six months of landing. He returned to England in 1899, and for the next seven years was a partner in a business at Dursley. In 1906 he took the Leominster pharmacy, and conducted it until he fell ill just before last Christmas. He leaves a widow and family of whom a daughter, Miss Doris Cheney, qualified in 1922.

COLES.—At Arnolds, Holmwood, on April 19, Mr. Ernest Harry Coles (chairman of William Warne & Co., Ltd., rubber sundriesmen, 29 Gresham Street, E.C.2), aged sixty-nine.

DALKIN.—At East Dulwich, London, S.E., on April 6, Mr. Thomas Dalkin, chemist and druggist, aged fifty-one.

EDWARDS.—At 2 Mackintosh Place, Roath Park, Cardiff, on April 20, suddenly, Mr. Edward Edwards, chemist and druggist, aged sixty-four. Mr. Edwards was born in Pembrokeshire and commenced his apprenticeship at Cardigan, completing it at Aberdare. He qualified in 1887, and shortly afterwards commenced business in a residential suburb of Cardiff. A widow, four sons and five daughters survive him. The eldest son, Mr. George Edwards, chemist and druggist, had latterly been in partnership with his father, and will continue the business. The funeral took place at Cardiff Cemetery on April 24. The chief mourners were Mr. Edwards's four sons, and the following local chemists paid a last tribute to his memory:—Mr. Dan Thomas, Mr. Douglas Harbottle,

Messrs. Rhys Jones and J. T. Day (Boots, Ltd.), Mr. J. Reynolds and Mr. E. Poole (representing the Cardiff Pharmacists' Association). Many wreaths and floral tributes were sent by relatives and friends.

FRANCIS.—At Oystermouth, on April 9, Mr. Matthew Robert Francis, chemist and druggist, aged seventy-two.

KERR.—At a nursing home in London, on April 14, Elizabeth Gray, widow of the late Mr. R. M. Kerr, chemist and druggist, Leith Street, Edinburgh, aged seventy-two.

MCGREGOR.—At The Willows, Ellon, on April 27, Mr. George McGregor, chemist and druggist, father of Mr. W. J. McGregor, chemist and druggist, aged eighty-eight.

OUGH.—The funeral of the late Mr. Lewis Ough, Ph.C., Leicester, whose death was recorded in our last week's issue (p. 595), took place at Liskeard on April 23. Masonic honours were rendered by local Freemasons, who dropped sprigs of acacia on the coffin. On the same day a memorial service was held at St. Philip's Church, Leicester. Among those present were Messrs. Walter Rowe, S. W. Rowe, and E. J. Turner (representing Walter Rowe, Ltd., chemists, of which company Mr. Ough was a director); Mr. S. F. Burford, F.I.C., public analyst for Leicester; and several members of the Leicester and Leicestershire Photographic Society.

PALMER.—At Mortlake, London, S.W., on March 25, Mr. Philip Lintill Palmer, chemist and druggist, aged eighty-five.

PARKINSON.—At Blackburn, recently, the widow of the late Mr. Christopher Parkinson, chemist and druggist, King Street, aged seventy-four.

SAUNDERS.—At Guy's Hospital, London, S.E., on March 28, Mr. John Saunders, chemist and druggist, Scissett, aged forty-seven.

THOMAS.—At Wallasey, on April 21, after an attack of influenza, the wife of Mr. Lewis E. Thomas, chemist and druggist. Deep sympathy will be extended to Mr. Thomas in his loss, which has closely followed that of his only daughter.

TUCKER.—At his residence, Belmont, Tower Road, Dartford, on April 22, suddenly, Mr. William Tyley Tucker, chemist and druggist, 5 Spital Street, aged seventy-four.

TURNER.—At Sydenham, London, S.E., on April 27, Charlotte, widow of the late Mr. Charles Ernest Turner, Ph.C., for many years in business at Great Russell Street and Bury Street, Bloomsbury, London, W.C.1, aged eighty. Mrs. Turner leaves two sons, the younger of whom, Mr. J. S. Turner, chemist and druggist, is in business in Middlesbrough.

TURNER.—At Travancore, Warltersville Road, London, N.19, on April 24, Mr. Edward Anstee Turner, chemist and druggist, late of South Kensington and Richmond, aged eighty-five.

VOLANS.—At 148 Toller Lane, Bradford, on April 19, Mr. John Russell Volans, chemist and druggist, aged fifty-two. Mr. Volans, who was a native of Chester-le-Street, carried on business at Sunderland and subsequently at Bingley prior to removing to Bradford. He acquired the Toller Lane pharmacy fifteen months ago. (See p. 614.)

WILKINSON.—At Rotherham, on April 11, Mr. John Feather Wilkinson, chemist and druggist, 129 Ferham Road, aged forty-nine.

WILSON.—At his residence, Woodcroft, Woodbourne Road, Edgbaston, on April 25, suddenly, Mr. Alfred Wilson, a director of John & E. Sturge, Ltd., manufacturing chemists, Birmingham, aged fifty-eight. Mr. Wilson was a younger brother of the Rt. Hon. J. W. Wilson (Albright & Wilson, Ltd., chemical manufacturers), who was member of Parliament for North Worcestershire from 1895 to 1922. He married a daughter of Sir Joseph Pease, Darlington, and was a prominent member of the Society of Friends. Mr. Wilson leaves a widow and seven children.

Trade-marks Applied for

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1924, p. 289.

(From "The Trade-marks Journal," April 23, 1924.)

- "PHOTOPHOR"; for photographic chemicals (1).
- "BRIDYCOR"; for chemicals (1) and for medicinal chemicals (3). "SOLOCHROME"; for chemicals (1). By British Dyestuffs Corporation, Ltd., 70 Spring Gardens, Manchester. 445,439; 445,440/441 (Associated); 445,442.
- "ABNOL THE GENERAL DEVELOPER"; for photographic developer (1). By C. W. Glaisher, 14 George Street, Croydon. 445,615.
- "BETANONE"; for chemicals (1). By A. Boake, Roberts & Co., Ltd., 100 Carpenter's Road, Stratford, E.15. 445,963.
- "THE RAM"; for weed killers and ground fumigants (2). By R. A. Munro & Co., Ltd., 140 West George Street, Glasgow. 444,803.
- "PRESUCOL"; for all goods (2). By Koln-Rottweil Aktiengesellschaft, 8 Hindersinstraße, Berlin, N.W.40. 446,168.
- "KY FLAVOUR DELICIOUS," on oblong device, including lemon and seal ("KY" and seal and fruit devices disclaimed); for medicinal effervescent salines (3). By H. J. Macmillan, 66 Commercial Road, Glasgow. 440,925.
- Ornamental Device of Lion, with Name of Applicants; for prepared linseed (3). By Wright, Crossley & Co., 17 North John Street, Liverpool. B.441,426.
- "EDVA WATERCRESS BRAND BLOOD TONIC," on label ("Watercress" disclaimed); for a blood tonic (3). By E. V. Abraham, 90 Frodingham Road, Scunthorpe, Lincolnshire. 443,585.
- "VOLTA POWDER," with device of sole of foot ("Volta" disclaimed); for powder for rheumatism, etc. (3). By International Volta Co., Inc., 505 Finance Building, Philadelphia, U.S.A. 444,720.
- "NODOC"; for medicinal chemicals (3). By W. H. Baum-brough, 71 Whitley Road, Eastbourne. 445,956. (Associated.)
- "VENECIN"; for medicinal chemicals (3). By Venecin Aktiengesellschaft für Chemische Produkte, 216 Kurfürstendamm, Berlin, W. 446,009.
- "WARBLER"; for goods (47), and for perfumery, etc. (48). By J. Kay & Sons, Ltd., Kenyon Street, Ramsbottom, Lancs. 446,247. (Associated.)
- "AMOLO"; for perfumery, etc. (48). By Ogston & Tennant, Ltd., Wright Street, Renfrew, Scotland. 443,190.

(From "The Trade-marks Journal," April 30, 1924.)

- "UNION," on circular device, including rose, shamrock and thistle; for caustic soda (1) and for calcium carbonate and carbonate of magnesia (1) and (3). By the Salt Union, Ltd., Colonial House, Water Street, Liverpool. 446,591/592. (Associated.)
- "POSAYON"; for all goods (1). By Chemische Fabrik Pott & Co., Priessnitzstrasse 39, Dresden, Germany. 446,804.
- "CRESOFIN"; for a winter tree wash (2). By W. J. Craven, 48 Port Street, Evesham. 443,593.
- Circular device of hand holding arrow, and including name and address of applicants and words, "Health and Healing"; for veterinary medicines, etc. (2). By Osmond & Son, Ltd., Doughty Road, Grimsby. 444,234. (Associated.)
- "RANSOL"; for disinfectants, etc. (2). By T. W. Ranson, Ltd., 7 Brazenose Street, Manchester. 444,741.
- "PANSAN"; for disinfectant sanitary preparations (2). By the Holoyd Co., Ltd., 17-18 Bridge Road, Stratford, London, E.15. 446,549.
- "D. & S.," monogram on circle; for veterinary medicines (2). By D. & S. Laboratories, 19 Shandwick Place, Edinburgh. 445,881.
- "HUSKIDS"; for medicinal chemicals (3). By United Drug Co., Ltd., Rexall Building, Waterway Street, Nottingham. 444,423.
- "GOODWIN'S MEDICAL CARBOLIC SOAP," with picture of man holding tablet of soap ("Goodwin's" disclaimed); for medicated carbolie soap (3). By G. W. Goodwin & Son, Ordsall Lane Soap Works, Manchester. 446,098 (Associated.)
- "RACHETTE"; for medicinal chemicals (3) and for perfumery, etc. (48). By Tokalon, Ltd., 212 Great Portland Street, London, W.1. 445,572/573. (Associated.)
- "ENERGID"; for medicinal chemicals (3). By Wigglesworth, Ltd., Church Street, Westhoughton, Lancashire. 445,879.

Trade Notes

DEARBORN (1923), LTD., 37 Gray's Inn Road, London, W.C.1, are now sending out Mercolized wax and Stallax in attractive show boxes containing one and half a dozen respectively.

THOS. CHRISTY & Co., 4 to 12 Old Swan Lane, Upper Thames Street, London, E.C.4, have been appointed agents for Paris Creme soap, regarding which a publicity scheme has been devised specially interesting chemists.

THOMAS MORSON & SON, LTD., fine chemical manufacturers, 47 Gray's Inn Road, London, W.C.1, are prepared to send on application additional copies of the artistic inset, "Milestones on the Road of Time," which was distributed in THE CHEMIST AND DRUGGIST last week.

A MINIATURE GLAXO TIN is one of the articles in the Queen's doll's house now on show at the British Empire Exhibition. The package, which is made of silver, is less than an inch high, and is an exact reproduction of the tins on sale; the lettering can be read through a lens.

ELECTRO-MEDICAL APPARATUS.—Ward & Goldstone, Ltd., Pendleton, Manchester, have issued a special list dealing with high frequency and violet ray electrical machines, which will interest chemists who have an electrical department or contemplate fitting up an electrical treatment room.

FLITT FOOT SHAMPOO.—An error occurred in the whole-sale price given in the C. & D. last week for the Flitt Foot Shampoo. Thos. Christy & Co., 4-12 Old Swan Lane, London, E.C.4, point out that the price, 5s. 4d., is for a carton of two dozen packets. It is probable that most of our readers will have gathered that this is so from the context.

CORRUGANZA BOXES.—Hugh Stevenson & Sons, Ltd., Summerstown Works, London, S.W.17, whose premises were recently seriously injured by fire, ask the indulgence of chemists who place orders for Corruganza seamless ointment boxes and pill boxes. Every effort is being made to overtake the manufacturing disorganisation which has resulted.

"THE CHEMICAL MANUFACTURERS' DIRECTORY."—The fifty-sixth edition of this directory, which deals with the manufacturers in Great Britain and Ireland, has just been issued by Simpkin, Marshall, Hamilton, Kent & Co., Ltd., at 4s. 6d. The directory contains the names of the manufacturers and the articles they make, also a classified list of chemicals.

A USEFUL EXCHANGE-RATE CARD.—E. Guillevic & Co., essential oil merchants and importers of civet, musk and vanilla, 19 St. Dunstan's Hill, London, E.C., have issued a card giving the equivalents in sterling per lb. of francs per kilo. This card will be useful to those who trade with France, and copies are available for distribution, on application, to their friends.

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated:

P/224. Chevalier's hair re-storer	B/294. "My Own" toilet soap
E/244. Falore face cream	B/284. Vulpro air pillows
I/244. Parabrin	B/284. Zimms' bandages

INFORMATION SUPPLIED

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4.

Abnutonic sponges. A/254	Kalak water. L/294
Beiersdorf's plasters. B/274	Konol. A/274
Calol. A/274	Lever lid tin boxes. M/264
Capulene hair tonic. C/234	Mosman's rheumatic cure. L/284
Cinchophen. M/254	Provac. M/243
Deafness appliances. S/254	"Rust Not." A/264
Diemenol. A/284	Sorbo sponges. C/254
Dr. Fournier's hygienic mixture. H/274	Zodiac electric massage machine. H/294
Dr. Patterson's pills 294	

Observations and Reflections

By Xrayser II.

Your Article on Starting a Business,

with the list of items required for a first order, should be invaluable to anyone opening a new shop; but the list has several features that make one think seriously. One of these is the preponderance of patents and sundries over drugs, which looks still more serious when one reflects that, speaking generally, the patents certainly and the sundries probably will require replacing much sooner than the drugs. That drugs should rank third in importance, should amount in cash value to less than half that of the sundries, and should stand, in this respect, to patents as 33 does to 41, throws rather a sinister light upon our title of chemist and druggist. And, after all, the list of sundry and proprietary articles is far from complete. What about perfumery and compressed tablets? It is noticeable, too, that in the later of the two estimates of goods required the proportion of drugs is very much less than in the earlier one, which may be taken as evidence that the down-grade in this respect is getting steeper. There are drugs in this list which some chemists no longer stock, and others that every chemist used to stock are not in it. I suppose that, now we buy ready-made all the preparations we can, it is no longer commercially profitable to stock the ingredients of which they are made, and what is not commercially profitable is altogether negligible.

There is Little to Criticise,

so far, in the addresses, so to call them, of Council candidates. We are all in substantial agreement with the views expressed, and our choice of men will, I venture to predict, be determined by personal considerations. The most important consideration, at such a time as this, when "vexed questions" are few or non-existent—if by "vexed question" we are to understand one that is much contested (the Draft Order in Council referred to by Mr. Jack hardly comes under this head so far as we are concerned)—is the ability and force of character (the two are virtually one) of the different candidates, and of this we can judge only by their previous record. Any attempt to estimate the respective merit of candidates in this respect would be invidious, and every elector must judge for himself. One may, however, indicate a few data for judgment without incurring blame. The way in which a person puts forth his views, and that in which he has in the past sought to give effect to them, are perhaps more significant both of character and ability than the views themselves. Anything savouring of extravagance or want of balance—not to say of bitterness or partisanship—anything even faintly indicative of megalomania, or "a bee in the bonnet," or "an axe to grind" (these phrases again I borrow from Mr. Jack)—should be regarded as a disqualification. We want level-headed and disinterested men, men of the stamp of the late Mr. Campkin, at the head of affairs just now, rather than men of enthusiastic temperament or extreme views. We have several such to choose from.

The Snowdrop,

concerning which Miss Gertrude Goudie discoursed so charmingly at Edinburgh, was formerly held sacred to virgins, doubtless because of its association with the Virgin Mary on Purification Day (Candlemas), when it was customary to remove her image from the altar and strew snowdrops over the place it had occupied. Hence the flower's name, "Fair Maid of February," which should not, I fancy, be used in the plural. Miss Goudie's remarks on the word "apricot" remind me that Gerard calls the snowdrop *Leucoium Bulbosum præcox*, the early-flowering bulbous violet. He does not regard it as a native of this country, and it is not mentioned by Shakespeare nor (I believe) by any of the poets contemporary with him. Thomson and Tickell both mention it, as do Shelley and Tennyson; but of our

greater poets Wordsworth honours it most. It appears in five or six of his poems, one of which is addressed to it. Our lady poets, as is meet for the virgin's flower, have spent many pretty fancies upon it. Mrs. Barbauld likens it, rather happily, to an icicle turned into a flower; "poor Perdita," the discarded mistress of royalty, makes it an emblem of her own fate; "I too," she says,

"Have seen the sunbeams cold and pale,
Have felt the chilling wintry gale,
And wept and shrunk like thee."

Charlotte Smith's description smacks of the "prosy century": "Like pendent flakes of vegetating snow," she begins. Cordelia Skeeles (otherwise unknown to me) moralises mildly at its expense in ten stanzas of "common metre"; a living Scottish poetess rhymes very prettily upon its mixture of white and green, the "tribute of the grass and snow"; but it is a pharmacist who says or sings of snowdrops:

"These are doves that Spring sends forth
When the wintry flood, subsiding,
Ebbs away to farthest north;
She awhile, their fate abiding,
Waits, and after certain hours
Forth she comes with all her flowers."

There are Two Sides

to every question, and there is something to be said for the co-operative societies in their quarrel with the Proprietary Articles Trade Association. I hold no brief for them, and much of the argument with which they seek to justify their position is not only false but absurd. Still, the fact remains that their very *raison d'être* is to lower the price of commodities to their members by sharing profits among them; and to accept the terms of the P.A.T.A. would be, to that extent, to abandon the principle upon which they are founded, a principle in itself perfectly legitimate, and one with which the advocates of co-operative buying ought to have some sympathy. If co-operative societies and their methods are what they profess to be, I see no reason to complain of them; but if they undersell other traders in dealings with non-members, they ought to be fought tooth and nail. This, however, is another question. I am told by those who ought to know that as a rule their prices are fairly on a level with those obtaining in their neighbourhood, and that the only advantages enjoyed by members lie in profit sharing and the standard of quality they maintain. If that is so, I doubt whether it would be good policy in the P.A.T.A. to pursue this quarrel *à outrance*. After all, the sharing of profits is not quite the same thing in principle as the cutting of prices, and I am afraid that if the public or Parliament were called upon to decide between the contending parties, the co-operatives would prove victors. I do not suppose they do a very large business in protected articles, and its amount will steadily decrease as they foster the substitution of preparations of their own. On the other hand, they are a very powerful body, and their power is bound to increase out of all proportion with ours. They could probably do us a great deal more injury than we can do them, and it might pay us to agree with our adversary while we are in the way with him.

I Should be Sorry

to appear discourteous, but I can only meet Dr. Gerald Druce's charges of evasion and unfairness by a flat denial; I did *not* say that the question of Dr. Dee's sincerity was unimportant, and I gave frankly, as anyone may see by turning to the reference supplied with Dr. Gerald Druce's letter, my reason for holding Dee to be a deceiver as well as a dupe. I have shown (*C. & D.*, March 15, p. 375) that Dr. Gerald Druce began this controversy by attributing to your reviewer words he never used, and he continues it by doing the same by me. That he had any intention of misrepresenting either I do not suppose, but before charging an opponent with unfairness he should be a little more careful to understand him.



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Editorial Articles

The Linseed-Oil Market

ALTHOUGH this season's indications point to ample supplies of linseed, thanks largely to the considerably increased Argentine crop, the linseed-oil market has held up remarkably well at around £37 per ton for London spot delivery. Home trade buying for some time past has not been active, but the substantial adjustment which has taken place in prices within the last two months for spot oil and near deliveries has certainly

placed the trade position on a much healthier basis. At the same time there is reason to believe that the margin of profit to crushers is on the lean side, as the reduction in the cost of seed has been proportionately less than in the oil-product. Of course, home crushers for some considerable time past have not had the advantage they had about three years ago, when America bought very heavy quantities of linseed oil from this side over a fairly long period. Our total exports of linseed oil were then exceedingly heavy, and there does not seem much prospect of the United States re-entering our market for any very important quantities. Dealing with the aspect of the market in our issue of February 16 last, when the spot quotation was about £50 per ton, we suggested an accentuation of the prevailing stringency, and the price in the latter part of that month actually touched £55, thus denoting at this highly inflated figure a rise of about £15 per ton compared with the close of last year. The current price of about £37 based on comparatively dear seed is admittedly reasonable enough, although it is £14 above that ruling at the end of 1914. At the end of 1920 the quotation stood at £41, but the market in the following year was severely depressed, dipping to as low as £22, which was more in line with the exceptionally inflated values touched before the war period. Within the last two years or so the much greater absorbing capacity of America has had a most important bearing on the market position of both seed and oil. Calculations as to a return to something approaching pre-war conditions on account of the much-increased production of seed were thus rather upset. The shipments of River Plate linseed to the United States over a certain period in the past quarter were fairly substantial, but fell to some extent during March. However, American potentialities have to be kept in view. The outlet for linseed oil in America over the summer months will probably be again very large, and domestic crushers will doubtless have to depend largely on imports of Argentine seed, as the supply of domestic seed has been exhausted. Apart from this consideration, there might be now less inducement on the part of American farmers to proceed with an enlargement of their sowings for the next linseed crop, owing to the appreciably reduced prices now ruling, and also in view of the fear of a set-back in general industrial activity. On the other hand, the gradual improvement which has taken place in European political and economic conditions, coupled with the very striking recovery in the value of the franc and some other Continental currencies, has exerted a favourable influence on the aspect of the seed market. In fact, the combination of these favourable factors has already resulted in the Continental takings so far this year overlapping those of the corresponding period last year, while about two-thirds of the total quantities afloat to Europe lately, amounting to 173,000 tons, were for Continental ports. Given a satisfactory settlement of the problem of German reparations, Continental crushers' operations under improving exchanges might be capable of a further expansion, and eventually come more in line with their pre-war competition. There is still a very large surplus of Argentine seed to come forward from the current crop, and home crushers are for the present pursuing a policy of reserve, partly in view of the recent dull transatlantic trade, but River Plate shippers, nevertheless, have shown more resistance to attempts to depress prices. Of course, the absence of anything like competitive offers from India, as is usually the case in the early spring under very small shipments of Calcutta seed, tends to facilitate the control exercised for the moment by River Plate shippers. The latter's terms, standing at a discount of close on £2 per ton, compared with c.i.f. costs from Calcutta, are thus found sufficiently attractive to keep the demand

moving. In the near future, however, it is quite likely that the new Indian crop movement will assume liberal dimensions, according to recent forecasts, and this may have an effect on the market. Our imports of seed for the first quarter of this year from the River Plate were 78,570 tons, and from India 22,138 tons, while other countries contributed 7,713 tons, making an aggregate of 108,421 tons, against 116,174 tons for the same period in 1923. Our exports of linseed oil for January-March were only 5,806 tons, against 6,813 tons, and as much as 17,684 tons respectively for the same months in the previous two years. The steadiness of linseed oil is emphasised by the fact that forward offers have been for some time past well absorbed by dealers at a comparatively small discount on the value ruling for spot delivery.

Pyridinised Spirit

There is another matter which I should like to mention before leaving the Customs and Excise duties. I refer to steps which will be taken to assist in the suppression of the evil of drinking methylated spirits, which we are told is prevalent in certain areas. It has been possible to make arrangements under the existing law by which on and after May 1 methylated spirits sold to the general public for domestic purposes shall contain an additional denaturant which I am advised will make the spirits so nauseous and so difficult to swallow, and, if that stage be overcome, *will make the victim so ill, but not mortally so*, that he is not likely to attempt to defraud revenue by continuing to drink it.—*The Chancellor of the Exchequer.*

We referred some time ago to the decision of the Board of Customs and Excise to add pyridine as an additional denaturant to methylated spirits, with a view of preventing the use of the liquid as a beverage. In some parts of England and Scotland owing to the high price of whisky and other potable spirits the poorer classes have taken to drinking methylated spirit. It had been the practice, apparently, to remove the petroleum by diluting the spirits and shaking with salt or charcoal, a liquid being produced which was not too objectionable to drink. The authorities have accordingly added crude pyridine to the mineralised methylated spirits, a denaturant that has been in use for this purpose on the Continent for some years. On and after May 1 mineralised methylated spirits will contain crude pyridine half per cent., wood naphtha 9.5 per cent., mineral naphtha or paraffin oil $\frac{3}{8}$ ths of 1 per cent., and methyl violet (0.025 for each 100 gallons) as colouring. The appearance of the pyridinised spirits is the same as the old spirits, but the persistent taste of the pyridine is unmistakable. When the flame of pyridinised spirit is extinguished there is an unpleasant smell which resembles that experienced when a paraffin flame is blown out. There is stated to be a simple method of separating the pyridine, and it remains to be seen whether the public will find this out, as was done in the case of the paraffin. The pyridine to be used is the crude product, or pyridine bases as it is called, usually derived from bone oil. Pyridine is poisonous, and produces paralysis of the motor nerves; there are also destructive changes in the blood corpuscles and paralysis of the heart, so that the effects upon the persons who use the spirits illegally as a beverage will be more serious than hitherto. Pure pyridine has been employed by inhalation as a respiratory sedative, as an application to diphtheritic membrane, and internally in doses of from 2 to 10 minims in angina pectoris and dyspnea. The crude article to be added to mineralised spirits contains, however, impurities which give it a more poisonous character. Whether this will injuriously affect the use of methylated spirits in cooling lotions remains to be seen. We are informed that the methylators have been permitted to sell, after May 1, the stocks they hold of the old mineralised spirits, but any made after that date will require to contain crude pyridine.

The Wholesaling of Poisons

V. Labelling

THE requirements regarding the labelling of poisons by wholesale houses are at present in such a hopeless muddle that it is necessary to sort out the various requirements and deal with them in detail according to the Acts of Parliament under which the conflicting provisions are made. Section 4 (2) of the Dangerous Drugs and Poisons (Amendment) Act, 1923, is the instruction intended to override all other regulations made previously. This amends Section 17 of the Pharmacy Act, 1868, so that it begins as follows:—

It shall be unlawful to sell any poison, either by wholesale or retail, unless the box, bottle, vessel, wrapper, or cover in which such poison is contained be distinctly labelled with the name and address of the seller of the poison, with the word "poison," and with the name of the poison, and, in the case of a preparation which contains a poison as one of the ingredients thereof, with such particulars as to the proportion which the poison contained in the preparation bears to the other ingredients as may be prescribed by Order in Council.

The later provisions of this same Section 17 still allow the name and address of the seller to be omitted in the case of "articles to be exported from Great Britain by wholesale dealers or sales by wholesale to retail dealers in the ordinary course of wholesale dealing." In actual practice wholesalers, however, rarely take advantage of this permission to omit their name and address on poisons sold for export and to chemists and druggists (but not on those supplied to doctors and others). How the "proportion" of poison is to be stated on the label is a matter of some doubt. No general Order in Council has been prescribed on this point as yet. The publication of the Draft Order given in THE CHEMIST AND DRUGGIST of October 27, 1923, was stated by the Privy Council to be premature. This certainly did not conform to the provisions of the Dangerous Drugs Acts, but nothing further has since materialised. Thus as regards the law at the present time this question of "proportion" is controlled by Section 5 of the Dangerous Drugs and Poisons (Amendment) Act, 1923, which states:—

For the purposes of the Schedule to the Poisons and Pharmacy Act, 1908, and of Section 8 of the Dangerous Drugs Act, 1920, percentages in the case of liquid preparations shall, unless other provision in that behalf is made by regulations under those Acts respectively, be calculated on the basis that a preparation containing one per cent. of any substance means a preparation in which one gramme of the substance, if a solid, or one millilitre of the substance, if a liquid, is contained in every one hundred millilitres of the preparations, and so in proportion for any greater or less percentage.

Disregarding changes in the Schedules of Poisons for the moment, this section enacts that in the case of liquid preparations proportion is weight of solid in volume (w/v) or volume of liquid in liquid (v/v). "Proportion" presumably remains in the case of solids weight in weight (w/w). Thus initially there are three distinct proportions of ingredients according to type of preparation. Material changes follow as regards the labelling of preparations containing chloroform or hydrocyanic acid, as the minimum proportions of these have been altered through the new way of calculating percentages, though the scheduled percentages remain the same.

The words *unless other provision . . . under those Acts respectively* applies first of all to agrihorticultural poisons and poisonous substances, the sales of which are not confined to chemists, and, secondly, includes specific instructions as to the "marking of packages or bottles" containing "dangerous" drugs. These last provisions

bring in yet another proportion for tablets and other articles (see below), via the Dangerous Drugs Act, 1920, and the Regulations thereunder, dated May 20, 1921.

The 1920 Act itself in Section 8 (1) defines the drugs to which the designation "dangerous" drugs is now applied and specifies the percentage of *alkaloid* bringing a preparation (containing either the alkaloid or its salt) within the Dangerous Drugs Acts and their regulations. The usual interpretation of this percentage of alkaloid was modified in the case of liquid preparations by the 1923 Dangerous Drugs Act as outlined above. The regulations made under Section 7 of the Dangerous Drugs Act (1920) still apply, and are as follows:—

(i) No person shall supply any morphine, cocaine, ecgonine, diamorphine, or their respective salts, or any medicinal opium, unless the package or bottle containing it is plainly marked with the amount of the drug in the package or bottle.

(ii) No person shall supply any preparation, admixture, extract, or other substance containing any of these last-mentioned drugs and coming within these Regulations, unless the package or bottle is plainly marked

(a) in the case of a powder, solution, or ointment, with the total amount thereof in the package or bottle, and the percentage of the drug in the powder, solution, or ointment;

(b) in the case of tablets or other articles, with the amount of the drug in each article, and the number of articles in the package or bottle.

This Regulation shall not apply to any preparation dispensed by a duly qualified medical practitioner or on the prescription of a duly qualified medical practitioner.

The gist of the Dangerous Drugs and Poisons (Amendment) Act, 1923, is to make the labelling "proportion" a "percentage" on an "amount" stated in four different ways:—

- (1) Solids: per cent. weight in weight.
- (2) Solid in liquid: per cent. weight in volume.
- (3) Liquid in liquid: per cent. volume in volume.
- (4) Tablets and other articles: amount of dangerous drug or poison in each article.

An important additional labelling provision in the case of a dangerous drug is a statement on the label of the *total amount of the dangerous drug (expressed as alkaloid)* in the container, as well as the percentage thereof or amount in each article in the case of pills, tablets, cachets, and the like. The regulations provide the correct way of giving the "amount" of dangerous drug by requiring the *number* of articles to be stated on the label. This is quite precise, and far preferable to the weight of each article, as suggested in the Draft Order, for reasons given in the C. & D. for November 3, 1923, p. 619. Lastly, the label must contain thereon the proportion of poison in "all preparations or admixtures" which are not included in Part I of the Poisons Schedule and which contain a poison within the meaning of the Pharmacy Acts, except certain preparations of coca, carbolic acid, and chloroform in Part II specifically excluded, and also poisonous substances in Section 5 of the Poisons and Pharmacy Act, 1908. Seeing that experts on toxicology have the greatest difficulty in defining what is a poison, the unlucky pharmacist, wholesale or retail, can hardly be expected to fulfil the requirements forced upon him by indefinable laws, though the authorities, both Government and pharmaceutical, rely upon pharmacists using the poison label in case of doubt. This is not always advisable, as we know of cases where preparations labelled D.D.A., which were in reality just outside the Act, have been returned by customers who will not run the risk of having such preparations in their establishment. The result was annoyance to the customer and loss of prestige on the part of the vendor.

Tax Remissions

THE Budget statement, upon which the Finance Act will be founded, made in the House of Commons this week (see p. 624), imposes no new taxes, and owing to the surplus of £14,329,000 on last year's account, the Chancellor of the Exchequer was able to announce various remissions and repeals of taxes. It may be stated at once that there are to be no changes in the very high duties on spirits and patent medicines. The perfumery trade is not to have a chance of re-establishing itself, as it could have done if some reasonable method of supplying suitable denatured spirits had been devised. The Chancellor's justification for not reducing the duty on spirits is probably that spirits contributed £6,000,000 of the surplus last year. Tobacco also accounted for £2,000,000 over the estimate. The war-time increase in the patent medicine tax is also to be continued. Some of the tax changes have only an indirect interest to the drug trade, such as the repeal of the McKenna duties, which were imposed during the war to check the importation of what were considered luxury articles—motor-cars, cinematograph films, watches and clocks. The policy of repealing these import duties will probably be much debated during the coming weeks. The repeal is stated to be a result of the election, which was fought on the question of Free Trade; this also accounts for the dropping of the proposals for Imperial preference, which were made by the late Government at the Imperial Economic Conference. There is to be a discussion on the subject, but the Chancellor stated that it is not the policy of the present Government to abolish the present preferential duties, which remain at one-sixth reduction on the import taxes paid from foreign countries. It will be remembered that the late Government guaranteed the sugar preference for ten years; whilst not endorsing this, the Government state that so long as they are in power they do not propose to ask Parliament to abolish the preference. Perhaps the most far-reaching of the reductions is that on sugar, which carries with it remissions in the customs and excise duties on saccharin, molasses and glucose. The reduction on sugar is equal to 1½d. per lb., and with a good crop forecast, should affect slightly the prices of syrups and other galenical preparations. The table waters duty on sweetened and fermented beverages and herb beers is repealed, but it will be noted that the tax still remains on unsweetened waters, such as soda water, seltzer water and distilled water used as a beverage, also imported mineral waters. It does not seem as though the remitted duty can be passed on to the public, owing to the smallness of the amount when reckoned on the single bottle—about one-twelfth of a penny. Perhaps a taste may be cultivated for sweetened mineral waters or quinine tonic water which is sweetened may increase in popularity. The Inhabited House Duty, an old tax, payable by tenants of houses, is repealed, and as this had been increased recently outside London, no doubt it will be welcome, although comparatively small in amount. There is no change in the income-tax and super-tax, but the Corporation Profits tax, which in the case of public companies was borne by the holders of ordinary shares is repealed. It is difficult to see how the repeal or reduction of the entertainment tax up to 1s. 3d. can be defended, as attendance at the "pictures" or a football match is surely a luxury for everybody. The amount devoted to the restoration of 1d. postage on inland letters would have helped very much to restore trade, and there is every reason to expect that it would not have cost the country anything owing to the large increase which would have taken place in the number of letters. The concessions in telephone rates will benefit many telephone

subscribers, but the abolition of the discount to larger users will probably in these cases neutralise the reductions. The only important change in income-tax allowances is to be one for widowers or widows who employ a housekeeper to look after young children. The expenditure during 1924-5 is estimated in the Budget at £790,026,000, and the revenue £828,100,000, which should leave a surplus of £38,074,000.

Squire's "London Hospitals"

It is sixty years since Peter Squire first produced his book, "The Pharmacopœias of the London Hospitals." The eighth edition was brought out in 1910 by the late Sir Peter Wyatt Squire, so that the ninth edition, edited by Mr. W. S. Boyack, is a welcome addition to the reference books of the pharmacy. Since the publication of the last edition twenty-five of the London hospitals have published new editions of their pharmacopœias, and although the German hospital pharmacopœia have been omitted in this edition, the pharmacopœias of the Children's Hospital and the French Hospital have been added, bringing the total up to thirty-one. The formulas are arranged, as before, in groups, and an additional indication made where the formulas are employed in special departments of the hospital. A useful list of synonyms given at the end of the book is new. The book is published by J. & A. Churchill at 12s. 6d.; and Squire & Sons, Ltd., have prepared a descriptive leaflet, which will be sent on application.

An Overcrowded Profession

SWITZERLAND has always exerted a special attraction on the young pharmacist desirous of gaining a knowledge of Continental pharmacy under the most agreeable conditions. Prior to the war Great Britain and Germany provided the majority of the pharmaceutical *personnel* employed in Swiss pharmacies, not only in the great tourist centres, but also in the smaller towns away from the beaten track. This dependence on foreign assistants made itself severely felt during the war by an acute shortage in trained *personnel*, and in 1917 the Swiss Association of Pharmacists addressed a circular to the headmasters of a number of higher schools, particularly girls' schools, pointing out the advantages of embracing pharmacy as a career. This appeal was successful—in fact, too successful, since now the profession is so overcrowded that the Association finds it necessary to issue a warning designed to discourage would-be entrants. It is pointed out that Switzerland at present has about 550 pharmacies, and on an average ten to twenty businesses, at the outside, annually change hands. There are now in the various Swiss Universities about 250 students of pharmacy. This means that annually the ranks of qualified pharmacists are augmented by an average of 45, a number from two to three times in excess of the country's requirements. Further, attention is drawn to the fact that although, under present conditions, the profession enables its members to gain a fair livelihood, the prospects for the future are by no means favourable.

A New Portrait of Sir Thomas Browne?

PORTRAITS of Sir Thomas Browne are few in number and not entirely satisfactory. In our Special Issue of 1923 (pp. 933 and 935) we reproduced two, an engraving from the Royal College of Physicians portrait and the Bodleian example, which was not painted till some years after Browne's death. We learn from a contemporary that Miss Marian Tildesley, research worker in the Royal College of Surgeons' Museum, has submitted a newly found portrait-group, presumably of a husband and wife, to the test of anthropological measurement, and is entirely satisfied that the figures represent Sir Thomas and Dame Dorothy Browne. The picture was purchased not long ago in the shop of a Norwich curio dealer, and not until it was shown to the Director of the National Portrait Gallery was its connection with Browne suspected. The family group still, we believe, in the Duke of Devonshire's collection has occasionally been reproduced.

BRITISH INDUSTRIES FAIR

London, April 28—May 9

ALTHOUGH the London section of the British Industries Fair, which opened at the White City, Shepherd's Bush, on May 28, is somewhat overshadowed by the British Empire Exhibition, it was felt by those mainly responsible for the Fairs of past years that provision should be made for an appeal to trade buyers by means of exhibits not accessible to the general public. In point of comfort the time chosen is a better one for the exhibitors than that of previous years, the problem of warming such halls as those of the White City in the winter being a difficult one. The Fair remains open till May 9, and will no doubt attract a good proportion of provincial and overseas visitors. In the following paragraphs we give notes on the principal displays of interest to the drug trade:—

ACME CHEMICAL CO., LTD., display a range of agricultural and horticultural chemicals; these include arsenic weed-killers in the form of paste and powder, etc. A concentrated waterglass (1 lb. to two gallons of water) packed in various sizes is also prominent.

W. R. F. AVERY & Co. make a lavish display of embossed adhesive seals, labels and tapes; by means of a massed arrangement in picture frames on the walls of the stand buyers are able to glance over a great variety in the shortest space of time. Price tickets and cartons are also on show.

BOOTS PURE DRUG CO., LTD., emphasise in an attractive way, in their exhibit, the scientific side of their large and still increasing output in chemicals. One side of the stand is entirely devoted to special research chemicals, some of which, we learn, are not made in this country except by Messrs. Boots. In this connection a comprehensive list is available. Elsewhere in the display are Insulin, liquid and powdered, Stabilarisan (the features of which we have previously pointed out), synthetic perfumes such as ionone and geraniol, and a representative selection of compressed tablets in all sizes and colours. As for pharmaceutical chemicals, we gather that the company's acriflavine is very popular in institutional use, and that pessaries and gauze containing it have been added to the list of products. Flanking the specimens are some excellent photographs of parts of the manufacturing plant at Nottingham.

JOSEPH BOURNE & SON, LTD.—Some novel ideas in stoneware hot-water bottles are on view which are offered to the wholesale trade. Various shapes, described respectively as the "Carrier," "Bungalow," and "Arctic" bottles, are provided with handles, and these are particularly suited for sale by chemists.

THE BRITISH BERKEFELD FILTER CO. have a striking display of filtering apparatus for laboratory and other use. The filter for providing a ready supply of sterilised water is one of the possibilities of which are manifold, and it is worth consideration as an adjunct in business.

F. S. CLEAVER & SONS, LTD., are giving prominence to Rosebud complexion soap, the packing of which in a carton suggesting an inverted pyramid is distinctly novel: further, the cartons are displayed on a showcase in a striking way, and the soap itself, duly rosaceous in perfume, leaves a "clean" feeling after use telling of its success in overcoming the hardness of tap water. Another of Messrs. Cleaver's cleverly packed lines is Oriental Bouquet soap, the wrappers of which may well have been designed with an eye to window-dressing competitions. As to the general finish of the toilet lotions and such standard lines as talcum powder turned out by the House of Cleaver there is little need to testify: they are known and read of all men.

COOPER, DENNISON & WALKER, LTD.—The chief articles of pharmaceutical interest shown are Melanil marking ink and sealing wax. This latter commodity is obtainable in seventy-five different colourings, which are on view. The general colour scheme at the stand, in which the articles made by the company are utilised, is particularly effective.

CUSSENS, SONS & Co., LTD., have a comprehensive display of soaps and perfumery, including a wide range of presentation sets containing, in addition, handkerchief puffs and face powders, while for novelties in these lines the company cater for all tastes. All sorts of animal and human figures—from Teddy bears to black babies—are obtainable in soap, and for those whose choice is perfumery there are bouquets of flowers in which the bottle is secreted. Chemists are reminded that the bonus scheme in connection with White Cross baby powder closes shortly. The Kervalli manicure set recently referred to in the *C. & D.* has, we understand, fully attained the popularity predicted.

JOHN DOWELL & SONS, LTD., in addition to showing the Dormel infant miniature feeder, a clever combination of dummy and feeding bottle, and the Do-well glass cooking measure, had a fine array of good-quality plain and stoppered bottles, the latter being guaranteed airtight. The company's works are at Clapton, London, N., and prompt delivery at competitive prices is offered.

DUBARRY ET CIE score a point at the outset by having a stand on opposite sides of the hall, which at that position narrows to a single pathway: consequently the visitor, however busy or absent-minded, is not likely to pass their display. And a characteristically well-thought-out display it is, toilet luxuries passing by fine gradations into toilet necessities and *vice versa*. To particularise among the range of soaps, face powders, skin creams, bath salts and their like would be almost invidious; and as all the trade knows how distinctively Messrs. Dubarry pack their goods, it is hardly necessary to mention that either.

D. FREEDER & Co. have an assorted show of attractive window-dressing papers. These include specimens of papers made for well-known firms who send out window-shows to chemists and other traders. The pattern books at the stand give an excellent idea of the large range of colours and designs obtainable.

WILLIAM GOWLAND (1916), LTD., who are making a special feature of trial cases, particularly drew our attention to a combination-ophthalmoscope and perimeter. The latter is a neat little instrument as compared with the one with which the patient is usually confronted, and the two instruments fit into quite a small case. The perimeter consists of a disc, marked with degrees, which screws on to a handle, while above is a movable arm. At the end of this revolving arm may be fitted attachments of various sizes and colours.

THE HATTON PRESS, LTD., have a stand which should appeal to all interested or likely to be connected with optics, as, apart from our contemporary, "The Optician," there is on view a comprehensive range of text-books, including Laurance's "General and Practical Optics" and "Visual Optics and Sight Testing," and Swaine's "Ophthalmic-optical Manual" (see *C. & D.*, April 19, p. 558).

JARVIS & Co. have a display which, for anyone interested in powder puffs, should on no account be missed. The variety of designs of these articles is as extensive as the quality is good. Handkerchief puffs obtainable in all manner of colours and materials, back puffs with and without mirrors and feather-wristlet puffs, to mention but three varieties, serve as an indication of what may be seen.

JOHNSON & SONS (MANUFACTURING CHEMISTS), LTD., have concentrated on Pastix (an office and domestic paste) and on their photographic mountant, the explanation being that they are well represented as to their other activities "in another place."

LEWIS & Co.—Toilet articles made of a non-inflammable material, "Galatix," are shown in great variety, the colourings are noteworthy, and some novel designs in manicure sets are displayed.

MYERS (LONDON), LTD., are showing all kinds of toilet articles made in "Nevalyte," which is a non-

inflammable material in various colourings. Manicure sets, combs, mirrors, brushes are prominent in an attractive display.

PRESSE & LUBIN, LTD.—The handsome display casket of actual toilet preparations given free with every order totalling three dozen 2-oz. bottles is in the foreground of an attractive stand. The pyramid-shaped bottles peculiar to these products have an ornamental value, and the new style of embossed label harmonises with the entire packing. Bay rum, honey and flowers, coconut oil shampoo are included in a series of eight, the prices of which range from 1s. upwards. The other products of the company, their well-known opoponax and other perfumes, a lavender and eau de Cologne at popular prices, and a solid Cologne, are all worthy of notice.

POWELL'S THERMOMETER Co. called our attention to a few special points of interest to the chemist in connection with their thermometers and hydrometers. From the retailers' point of view the method of handling clinicals when conducting a sale is usually far from satisfactory, and Messrs. Powell, by packing each clinical in a cardboard box (in addition to the metal case) labelled with the necessary particulars, have removed several disadvantages. The clinicals, of which various stages of the manufacture from the cane cylinder with the blue line (this is to show that the glass of which the bulb is made will not vary and without which the thermometer will not be tested by the National Physical Laboratory) to the finished article are being depicted, are all of first-rate quality. With the more sensitive ones a Kew certificate is given in addition to that of the N.P.L., so that in event of different readings being found the point of error and the degree can be immediately ascertained. Among other thermometers on show were maximum and minimum, sick room, varnish makers' and chemical. In the last class was one reading from 200° F. to 1,000° F. Regarding hydrometers, it is suggested that chemists might do a good business in these—particularly with wireless enthusiasts—for testing accumulator acid, and among those designed for this purpose is one for insertion between the plates.

SINDIX, LTD., have a neat display of Sindix hair-brushes, the main feature of which is they are made entirely of metal, and can therefore be sterilised as often as is required. The backs are of polished aluminium, and the bristles are of a non-rusting alloy. Handled and military styles are both made.

SLACK & BROWNLOW exhibit a range of water filters, which include drip and pressure filters for domestic and other uses. The filter material is easily cleaned, and demonstrations are made which give an excellent idea of how effective these filters are. An interesting exhibit is the traveller's pump filter, which provides pure water very quickly, and has been supplied to world-famed expeditions.

WILLIAM TOOGOOD, LTD., have a strikingly assorted display consisting in the main of perfumery and toilet preparations. In the forefront of the stand is a giant bottle of bath salts, symbolising the special attention that is being called to the many varieties of such crystals. Bath tablets and the ever-popular "globe" lavender water are among other things that strike the eye at once; and they are reinforced with a well-considered selection of creams, lotions, manicure requisites and items allied to these.

RAPHAEL TUCK & SONS, LTD., show among a great variety of stationery articles a series of forty-eight post-cards of the Queen's dolls' house. This series provides an interesting record of what is admittedly a unique construction.

TURNER, SON & Co., though dealing only with wholesalers direct, have one or two novelties of interest to retailers. For instance, there are nail brushes in the back or sides of which is "inlaid" a piece of pumice stone, and others have the bristles set in opposite directions to ensure the maximum penetration. There is a good selection of hair brushes, the backs of which are in excellent imitation amber, tortoiseshell or ivory. Each knot of bristles in these brushes is inserted by special machinery, and fixed by a staple. Other lines include "shavers" and tooth-brushes.

TYPKE & KING, LTD., make the fullest use in their exhibit of the vivid colour of such chemicals as antimony sulphide, with quite artistic results. This well-known house makes its display equally interesting on the pharmaceutical side (as in hypophosphites) and on the side of applied chemistry (as in rubber substitutes).

V. K. ROTARY Co., LTD., exhibit but one line—Grip-fix paste. Among the latest uses which are being found for this already well-known paste and photographic mountant is the sealing of wrappers, and it is recommended to doctors for sticking a bandage instead of tying a knot. The manufacturers are also trying to educate the public to keep a tin in the home, where its uses are legion.

REUBEN WAKELY.—The process of bristle drawing in tooth-brush manufacture is demonstrated at this stand, along with specimens of the types of brushes made. Attention is directed to the twin sets of "Salvodent" brushes for smokers' use, one for the front of the teeth, the other for the back. Mr. Wakely has recently been awarded the certificate of the Institute of Hygiene for tooth-brushes.

LEWIS WOOLF.—The great variety of soothers shown at this stand give an excellent idea of the world-wide demand for "infants' dummies." The special needs of Australian babies, who evidently prefer the cherry-shaped teat, and of young Canada, that likes a concave bone, are well catered for. Attention to methods of hygienic packing yields good selling points for the particular retailer. The artistic list obtainable at the stand, showing the articles in colours, is worthy of comment.

Among others whose stands are worth a visit are:—**THE ABERDEEN COMBWORKS Co., LTD.**; **FREDERICK ALLEN & SONS (POPLAR), LTD.** (chemicals); **BIRSCO** (cellular rubber goods); **THE BLICK TYPEWRITER Co., LTD.**; **BOWERS & SIMONETT, LTD.** (brushes); **THE BRITON BRUSH Co., LTD.**; **DEAN'S RAG BOOK Co., LTD.**; **DENNIS & WEBB, LTD.** (rubber stamps, etc.); **JOHN FREEMAN (brushes)**; **IRVING'S YEAST-VITE LABORATORIES**; **WILLIAM JONES & Co.** (rubber stamps); **JOHN KNIGHT, LTD.** (soap); **LURALDA, LTD.** (three-ply postal boxes); **MANSSELL, HUNT, CATTY & Co., LTD.** (bottle caps and embossed seals); **MARLEY HILL CHEMICAL Co., LTD.** (creosote, naphthalene, pitch, etc.); **JOHN MONCRIEFF, LTD.** (laboratory glassware); **JAMES PASCALL, LTD.** (chocolates); **B. L. & N. PHILLIPS, LTD.** (vermin destroyers); **SAMBOY HAIR TONIC**; **SAMWAYS MANUFACTURING Co., LTD.** (display stands); **SANAGEN Co., LTD.** (casein, lactose, and Scott's biscuits); **SHORT & MASON, LTD.** (barometers, barographs and thermometers); **STOCKTON-ON-TEES CHEMICAL WORKS, LTD.** (fertilisers); **R. D. STORY** ("Fly Terror," a non-greasy application for preventing and relieving insect bites); **THE WILKINSON SWORD Co., LTD.** (razors and shaving brushes); **E. WOOLF** (baby soothers).

Business Changes

MR. T. YOXALL, chemist and druggist, is opening a business in Burnley Road, Brierfield.

MR. J. H. FAIRHURST, chemist and druggist, is opening a pharmacy at 80 Market Street, Chorley.

EUCRYL, LTD., have closed their London office, their only address in future being Shirley, Southampton.

ASCOTT'S PHARMACIES, LTD., London, N.W., have opened a branch at 94 Station Road, Hampton, Middlesex.

MR. J. CLARKSON, chemist and druggist, has opened a business at 642 Cleckheaton Road, Low Moor, Bradford.

MRS. M. GRIEVE, F.R.H.S., The Whins Cottage, Chalfont St. Peter, Bucks, has arranged with Mr. W. A. Conway, F.R.H.S., Kewgardia, East Finchley, London, N.2, to deal with all matters relating to the supply of herbs, roots, seeds, etc., to whom should be addressed inquiries for these. Mrs. Grieve will devote herself to the supply of her series of pamphlets on herb cultivation and to the postal course of instruction in herb growing and drying.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Local Reports

ENGLAND AND WALES

Blackburn.—During February, 22,454 prescriptions were dispensed by chemists at a cost of £812 12s. 10d., the average account per prescription being 8.6d. During 1923 the committee paid to chemists £7,512 18s. 1d.

Isle of Wight.—At a meeting of the Insurance Committee, on April 25, it was reported that for the quarter ended December 31, 18,966 prescriptions were dispensed at an average cost of 9.6d. each, and the payments to chemists amounted to £851 3s. 10d. During the year 75,144 prescriptions were dispensed at an average cost of 9.4d., and the cost of drugs for the year was £3,149 2s. 2d., against £3,208 18s. in 1922.

Lancashire.—At a meeting of the Insurance Committee, at Preston, on April 28, Mr. A. Peake moved that the report of a special subcommittee supporting the attitude of the Panel Committee on the question of excessive prescribing be referred back. He said the new regulations of the Ministry involved the appointment of a qualified pharmacist to go through the prescriptions. Dr. Oldham said the matter raised did not affect the report. The report was approved, Mr. Peake withdrawing his amendment.

Leamington.—The Warwickshire Pharmaceutical Committee met on April 24, Mr. Hutton in the chair. The secretary reported the result of the private testing scheme up to date. One or two cases were not quite satisfactory and the chemists concerned had been communicated with. A member drew attention to the fact that the payment for February dispensing had not been received until April. This being probably due to the heavy amount of dispensing in that month, it was resolved that no action be taken. The Pharmaceutical Services Sub-Committee reported that a scheme had now been arranged with the Insurance Committee by which periodical testing of Insurance dispensing would be made and results be submitted to that subcommittee, who would take any necessary action. Permission to pay a chemist for a parcel of scripts he had mislaid was given. It was decided to pay chemists who had supplied a larger amount of dressings than is laid down in the tariff (no amount having been stated by the doctor); but each chemist's attention was drawn to the fact that he must comply to rules and regulations in future. It was decided to recommend the acceptance of the terms offered by the Ministry of Health and to agree to the levy for administrative expenses being based on dispensing fees only; also that the price "per pound" of 7,000 grs. should be adjusted to the nearest 1d., providing the Ministry's statement that chemists' remuneration would be very slightly affected proved sound. The Committee were of opinion that prices are not yet stable enough to warrant a quarterly revision of the tariff.

London.—A meeting of the Pharmaceutical Committee took place on April 15, Mr. C. A. Noble (chairman) presiding. The report of the Central Checking Bureau for January showed a margin of error of 0.03 per cent. Mr. M. Moustardier was appointed to audit the Committee's accounts for the year 1923. After consideration of the report of the special subcommittee on the dispensing service, the Committee decided to report to the Insurance Committee particulars relating to the unsatisfactory nature of the dispensing service given by a firm of chemists. The special subcommittee also reported that appropriate action had been taken in other cases of alleged inaccurate dispensing. The secretary reported, *inter alia*: Particulars relating to a proposed public medical service for the London area; (the Committee decided that this matter should be submitted to the Retail Pharmacists' Union); information regarding the joint action taken by the Insurance, Panel and Pharmaceutical Committees concerning a reprint of the London Insurance Pharmacopœia; that steps were being taken for the compilation of statistics relating to Insurance

prescriptions for "dangerous" drugs. Particulars of dispensing for January 1924 are as follows:—

Value of ingredients	£10,971	1s.	7d.
Value of dispensing fees	£13,437	1s.	3d.
Number of prescriptions	711,922		
Average ingredient cost	3.70d.		
Average dispensing fee cost	4.53d.		

The secretary's report was then adopted. After consideration of the Terms Subcommittee's report the Pharmaceutical Committee decided to urge the R.P.U. Executive to secure a modified scale of fees which will ensure that the average dispensing fee shall not fall below 5d. per prescription, and that the fees for serums, vaccines, Insulin and expensive proprietaries should be 6d. per prescription up to and including the value of 5s. and 9d. per prescription over 5s. and up to 10s., and 1s. per prescription over 10s. and up to 20s. Arising out of complaints received concerning the unsatisfactory prescription form in use in the London area, the Committee decided to take the matter up with the appropriate authorities, with a view to securing the adoption of the national prescription form. A meeting of the Insurance Committee was held on April 24, at which the Finance Subcommittee recommended the payment of accounts amounting to £161,456 12s. 11d. The subcommittee also reported that they had advanced the sum of £461 to the Pharmaceutical Committee on account of administrative expenses for the current year. The Medical Benefit Subcommittee reported that it would not be possible for the revised edition of the London Insurance Pharmacopœia to be compiled for some time. As the present stock of copies was very low they had ordered a reprint, having adopted certain suggestions of the Panel and Pharmaceutical Committees. The Medical Benefit Sub-Committee also reported that in October it was decided to make representations to the Ministry of Health that certain moneys payable to the Committee in respect of medical benefit should be withheld owing to the discrepancies in the dispensing of a certain firm of chemists. The Ministry withheld £30 from the Committee, which was, in turn, recovered from the chemists. The Ministry requested that further test prescriptions should be taken from the chemists. Eight test prescriptions presented to the firm were inaccurately dispensed. The reports were adopted.

April Drug Tariff

The following are the alterations for April in the Insurance Drug Tariff for England and Wales:—

Lower.—Acid, salicylic., 4s. lb.; adeps benz., 1s. 8d. lb.; ammon. benz. (artificial), 8d. oz.; barbitonum, 2s. 3d. oz.; calc. lact., 3s. 9d. lb.; codeina, 6s. 1d. lb.; codein. phosph., 4s. 11d. dr.; creosot. carb., 1s. 1d. oz.; diamorph. hydrochl., 5s. 9d. dr.; elixir diamorph. et terpin., 4s. 6d. lb.; guaiaac carbonas, 1s. 10d. oz.; lin. camph., 2s. 4d. lb.; liq. formaldehyd., 1s. 5d. lb.; methyl salicylas, 5s. 3d. lb.; morph. acet., 4s. 4d. dr.; morph. hydrochl., 26s. oz.; ol. lini., 6s. 3d. gal.; phenacetin, 1s. oz.; sulphonal, 2s. 6d. oz.; syr. glycerophosph. co., 2s. 7d. lb.; tab. acid. acetylsal. gr. v. 6d. doz.; tab. thyroid gland gr. ii. 1.4d. doz.; ditto gr. v. 2.3d. doz.; ung. capsici, 2s. 3d. lb.; ung. methyl. salicyl. co. ft., 16s. lb.

Higher.—Acid, citric. pulv., 2s. 7d. lb.; ammon. brom., 1s. 7d. lb.; aq. menth. pip. ex conc., 14s. lb.; bals. Peruv., 1s. 2d. oz.; capsulæ amyl. nitris, m. 3. 2s. 6d. doz.; ditto, m. 5. 2s. 6d. doz.; hydrarg. iod. rubr., 1s. 9d. oz.; hydrarg. oxid. flav., 7s. 6d. lb.; hydrarg. perchlor., 5s. 8d. lb.; hydrarg. subchlor., 6s. 3d. lb.; hydrargyrum amm., 7s. 5d. lb.; hydrargyrum c. creta., 3s. lb.; lin. aconit. meth., 3s. 4d. lb.; liq. bism. et am. cit., 2s. lb.; liq. morph. acet., 7s. 6d. lb.; ol. anisi, 5d. oz.; ol. limonis, 5s. 9d. lb.; ol. menth. pip. (re-distilled), 33s. lb.; ol. morrhue (Norwegian opt.), 9s. 6d. gal.; ol. olive (sublime), 15s. 6d. gal.; ol. ricini, 1s. 5d. lb.; paraff. dur., 9d. lb.; pasta zinci co., 1s. 8d. lb.; pil. codeinæ gr. 1. 7.5d. doz.; pil. morph. hyd. gr. 1. 1.1d. doz.; podoph. res., 3s. 8d. oz.; pot. acet. (dry granules), 2s. lb.; pot. brom., 1s. 5d. lb.; pulv. cinnamomi co., 7s. lb.; sennæ fruct. tinnev., 2s. 6d. lb.; tr. digitalis, 5s. 9d. lb.; ung. gallæ c. opio, 6s. 3d. lb.; ung. hydrarg., 3s. 8d. lb.; ung. hyd. ammon., 2s. 8d. lb.; ung. hyd. am. dil., 2s. 6d. lb.; ung. hyd. co., 4s. 2d. lb.; ung. sulphuris, 1s. 8d. lb.; ung. zinci, 1s. 8d. lb.

Soviet Customs Tariff

IN view of the negotiating now proceeding in London between the British and Soviet Governments, which include the drafting of a new commercial treaty between both countries in place of the existing trade agreement, special interest attaches to the recently introduced customs tariff of the Union of the Socialist Soviet Republics. As already mentioned (*C. & D.*, April 12, p. 533), the new tariff is essentially a protective, and undoubtedly a revenue-raising, measure. It is based on the principle of levying specific rates of duty on the weight of the chargeable goods, all weights being given in the metric system. The rates of duty are expressed in gold roubles, the new currency introduced February 24, 1924, of which the "tchervonetz," the standard unit, is equal to ten gold roubles; the par of exchange of one tchervonetz is £1 1s. 2d.; one gold rouble=2s. 1½d. The following table gives the rates of duty for goods of interest to our readers, in gold roubles per 100 kilos net weight. However, where the rate of duty is given for one kilo, the chargeable amount is levied on the gross weight of the article; that is to say, on the article together with its immediate container. On importing any of the chemical and pharmaceutical products included under tariff No. 89 to 113, invoices and specifications must be produced, giving full particulars of the exact technical as well as trade descriptions and weights of the articles, together with the corresponding designation adopted in the tariff. If these documents cannot be produced, a surcharge of 5 per cent. will be levied on the amount of duty to be collected. Further, in the case of chemical products, the degree of purity must be stated on the invoices and specifications, and from the table it will be seen that in a number of instances "chemically pure" products have to pay a very considerably higher rate of duty than the corresponding "crude" quality.

Tariff No.	Description	Roubles per 100 kg.
32	Mineral waters, natural and artificial, including weight of bottle	15.—
51	Lanolin; animal oils not specifically mentioned	27.50
52	Vaseline	40.—
78	Photographic plates	49.—
81	Benzol; naphthaline; anthracene; crude	6.—
	Carbolic acid, crude	9.—
	Benzol; toluol; naphthaline; anthracene; purified	15.—
	Carbolic acid in crystals and as a transparent liquid	49.—
82	Resin	3.60
86	Oil of turpentine	12.—
87	Gum acacia; tragacanth; agar-agar, and other not specifically enumerated gums	9.—
	Manna; asafoetida; olibanum	30.—
	Albumin; casein; yolks of eggs	49.—
	Balsam of Peru; Balsam of tolu; myrrh; storax; aromatic resins used in perfumery	30.—
	Camphor of all descriptions	120.—
90	Natural salts of all kinds, not purified, not specifically enumerated	—90
91	Sulphur	free
93	Borax, crude	free
	Boric acid, crude	—90
	Borax, refined, in crystals and powder	18.—
	Boric acid purified; borax, exsiccated	28.—
	Sodium and potassium perborates	30.—
95	Cream of tartar; calcium tartrate, crude	1.10
	Calcium citrate, crude	1.50
98	Solution of ammonia	12.—
	Ammonium chloride (technical)	25.—
	Ammonium carbonate; ammonium nitrate	18.—
	Ammonium sulphate (technical)	2.50
99	Arsenium; white, red and yellow arsenic	5.50
101	Alum crystals	6.—
	Alum, powdered; also exsiccated	9.—
	Aluminium sulphate	4.30
103	Sodium nitrate; potassium nitrate, technical	free
104	Magnesium chloride, crude	free

Tariff No.	Description	Roubles per 100 kg.
104	Calcium chloride, crude	2.10
	Magnesium sulphate, crude	2.40
	Magnesium carbonate; calcium carbonate, precipitated	18.—
105	Metallic sodium and potassium; sodium peroxide	74.—
	Sodium carbonate, technical:	
	(1) Imported through Baltic, White Sea or Arctic Sea ports	3.70
	(2) Imported through Black Sea ports or inland frontier	5.50
	Potassium carbonate	5.50
	Sodium bicarbonate	9.—
	Caustic soda and potash:	
	(1) crude	9.—
	(2) refined	40.—
	Sodium sulphate, technical	3.—
	Sodium sulphite, technical	7.40
	Sodium hyposulphite, technical	9.80
	Waterglass	5.50
	Sodium, potassium, ammonium persulphates	30.—
106	Lead acetate; sodium acetate:	
	(1) crude	25.—
	(2) refined	61.—
107	Bleaching powder	23.—
	Sodium chlorate; potassium chlorate	22.—
108	Carbon disulphide	9.—
	Hydrochloric acid, technical	6.—
	Nitric acid, technical	4.30
	Formic acid; acetic acid	40.—
	Oxalic acid, technical	22.—
	Lactic acid	30.—
	Tartaric acid, tannic acid	46.—
	Gallic acid; pyrogallie acid	91.—
	Citric acid	49.—
	Salicylic acid; sodium salicylate	244.—
	Sulphuric acid (crude):	
	Chamber acid	2.50
	Oil of vitriol	4.30
	Fuming	5.20
	Sulphur trioxide	6.—
	Hydrochloric acid, crude	6.—
	Nitric acid, crude	4.30
109	Ferrous sulphate, technical	2.20
	Copper sulphate, zinc sulphate	9.—
111	Tartaremetic; salts of antimony	32.—
112	Ammonium, sodium, potassium phosphates	25.—
	Sodium and potassium manganates and permanganates	91.—
	Methylalcohol; formaldehyde solution	25.—
	Acetone	37.—
	Zirconium, cerium and thorium compounds, per kilo	—50
	Mercuric chloride; calomel; mercuric oxides, and mercury salts of mineral acids	152.—
	Bismuth compounds, per kilo	2.50
	Bromine; iron bromide	45.—
	Ammonium, potassium, and sodium bromides	152.—
	Iodine	6.—
	Iodides, inorganic, per kilo	1.85
	Organic compounds of bromine and iodine; bromo-camphor; bromural; bromalin, per kilo	4.90
	Resorcin; hydroquinone	183.—
	α- and β-naphthol	122.—
	Quinine	free
	Caffeine; strychnine; theobromine; theophylline; veratrine; pilocarpine; cocaine; quinine derivatives, per kilo	6.10
	Opium alkaloids, derivatives and mixtures; atropine, and all alkaloids and glucosides not specifically enumerated, as well as mixtures thereof, per kilo	122.—
	Crude cocaine, per kilo	—24
	Acetylsalicylic acid; hexamethylene-tetramine; aminosalicylic acid; salicylic methyl and phenyl ester; pepsin; peptone; benzonaphthol, per kilo	7.30
	Santonin; quinoline-carboxylic acids, malonic acid and their derivatives, per kilo	18.30
	Artificial sweetening agents, and preparations for producing the same	9.80
	Phenacetin; phenocoll, and derivatives, per kilo	6.10

Tariff No.	Description	Roubles per 100 kg.
112	Phenazone and derivatives, per kg.	7.30
	Salicylic acid derivatives, except those specifically mentioned; sulphonal and its homologues, per kg.	7.30
	Guaiacol and its sulpho-derivatives; guaiacol carbonate; creosote carbonate, per kg.	3.70
	Terpine hydrate, terpinol; terpineol, per kg.	2.50
	Milk sugar	37.—
	Glycerophosphoric acid and its salts, per kg.	2.50
	Lecithin and its halogen derivatives, per kg.	4.90
	Combinations of tannin with albumin and gelatin, per kg.	2.50
	Salvarsan, neosalvarsan and their derivatives; adrenalin and other products from animal glands displaying a similar action in desiccated form, per kg.	8.60
	Ichthyol and its preparations, per kg.	2.50
	Chemical and pharmaceutical products, not specifically mentioned:	
	Organic, per kg.	1.60
	Inorganic, per kg.	—60
	Preparations for washing domestic animals (Admitted only if complying with regulations to be issued by the customs tariff commission.)	1.50
	Chemically pure products:	
	Potassium chloride; potassium sulphate; barium sulphate; barium chloride; ammonium chloride; ammonium carbonate; ammonium nitrate; ammonium sulphate; aluminium sulphate; sodium nitrate; potassium nitrate; magnesium chloride; calcium chloride; calcium carbonate; magnesium sulphate; sodium carbonate; sodium sulphate; sodium sulphite; sodium hyposulphite; sulphuric acid; hydrochloric acid; nitric acid; ferrous sulphate; copper sulphate, per kg.	—60
	Oxalic acid, per kg.	1.60
113	Preparations which are admitted after obtaining a licence and of which the titles are included in a special list to be drawn up by the Tariff Commission:	
	Compound medicines, including galenical preparations, per kg.	8.50
	Preparations not specifically mentioned, put up in medicinal doses ready for use, per kg.	8.50
	Note: Preparations put up in medicinal doses ready for use, containing: salicylic acid; sodium salicylate; salts of mercury or bismuth; ammonium, sodium or potassium bromide; iodides; bromides; alkaloids; or any organic compound enumerated under Tariff No. 112, are chargeable according to the specific rate of duty given in the tariff, with a surcharge of 5 roubles per kilo.	
	Plasters spread on silk or half-silk tissues, per kg.	12.—
	Organotherapeutic and biological products; vaccines; tuberculin; calf-lymph; castoreum, per kg.	7.30
	Compound dietetic and food preparations, per kg.	1.60
114	Phosphorus	122.—
115	Ether; acetic ether; collodion	110.—
116	Chloroform; chloral hydrate	122.—
117	Olive oil; castor oil; cottonseed oil	18.—
	Palm oil	6.—
118	Aromatic waters, non-alcoholic	49.—
119	Cosmetics; hair-dyes; perfumes, etc.; non-alcoholic, per kg.	7.40
	Perfumes and cosmetics of all descriptions, alcoholic, per kg.	13.—
	Essential oils, natural and synthetic; crystalline aromatic substances, not specifically mentioned, per kg.	2.50
	Pomades packed in containers of over 4 kg.	91.—
120	Toilet and medicinal soaps	122.—
	All other soaps	25.—
145	Mercury	22.—
182	Surgical cotton wool	62.—

Salford Pharmaceutical Association

THE monthly meeting of this association was held at 40 The Crescent, Salford, on April 10, the President (Mr. C. Brown) in the chair. Mr. E. H. Simmons, member of the Council of the Pharmaceutical Society, gave an address on *Twelve Months' Work on the Council*. Mr. Simmons dealt with some of the lessons a newcomer on the Council had to learn. He was no longer the happy free-lance of the past, but had to be careful lest, when he uttered what might be strictly personal views, they should be, in some quarter or other, interpreted as of necessity reflecting the official policy of the Council. He must be prepared to submit to criticism, which, even with the very best intentions, was often based upon abridged reports, where the dropping of a word or the removal of a sentence from its context might considerably alter the purport of a speaker's remarks. The old idea, once prevalent in the provinces, that the affairs and policy of the Council were almost entirely controlled by the London members, seemed to him a mistake. One had only to look at the names of the chairmen and vice-chairmen of the various committees to realise that provincial members have quite a fair proportion of the "spoils of office." He, however, still thought that the North was under-represented in proportion to its population and importance. Mr. Simmons next dealt with the objects, as propounded in the Charter, for which the Pharmaceutical Society was founded, viz., education, protection and benevolence. The new Syllabus, a draft of which was 18 months ago submitted to the branches for their consideration, had not yet been brought into operation. The Manchester and Salford Branch was the only one that submitted a reasoned and constructive criticism, containing several proposed modifications, and he, the speaker, had no doubt it would receive the fullest possible consideration before the new Syllabus was brought into force. Dealing with the Preliminary Examination, Mr. Simmons stated that, largely owing to the low standard still in vogue, no less than 1,600 apprentices were registered during the past year. Should this continue, and looking ten years ahead, he could foresee the supply of qualified pharmacists largely exceeding the demand, with a resulting depreciation in wages and the standard of living for employees and increased competition for the pharmacists in business. The only way to steady the stream would be to increase the standard of the Preliminary Examination, and he believed the time was ripe for insisting upon Matriculation as the entrance examination. With regard to Part I of the Qualifying Examination, he said that the Society had circularised every educational authority throughout the country, giving them particulars of the requirements of the regulations and syllabus. They hoped in this way to find out exactly what schools, secondary and technical, are equipped to teach the necessary subjects. Referring to the second object of our Charter, Mr. Simmons reminded his hearers that, whereas the Charter set out to protect those who carried on the business of a chemist and druggist, the over-riding principle of the Pharmacy Acts was the protection of the public. The Law Committee, however, in carrying out its duties, can, and does, in a measure achieve both these objects, and Mr. Simmons gave details and illustrations of the way in which both interests are guarded. Mr. Simmons also explained the action of the Society with reference to the amended Dangerous Drugs Act. The speaker stressed the urgent need for increased subscriptions to enable the Society to continue to carry out its work of benevolence. He thought the time opportune for some organised effort to be made in Manchester, Salford and district to augment these funds. He was quite jealous of Liverpool's magnificent effort made year after year. The War Auxiliary Benevolent Fund, which Mr. Simmons regarded as a splendid tribute to the public spirit of British pharmacists, had served, and was still serving, a most useful purpose. It had now, by permission of the Charity Commissioners, been put upon a permanent basis, and though he would always contend that the men who fought had the prior claim upon that fund.

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbiling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C.4, May 1.

INTEREST this week in the Mincing Lane produce markets has centred in the Budget, and immediately the details became known on Wednesday, steps were taken to adjust market prices in accordance with the new rates of duty. The reduced duty on sugar came into operation on April 30, but the duty on imported goods manufactured or prepared with sugar (composite goods), such as soy, tamarinds, ginger syrup, confectionery (including chocolate), etc., will not come into operation until July 1. Prices of saccharin and solid and liquid glucose have already been adjusted, likewise those of caramel and syrups. The duty on cocoa butter is now 1½d. per lb., against 3d. per lb. Among drugs, menthol is slightly easier with rather large arrivals from New York and Japan, and the same applies to Japanese dementholised oil of mint, but the bulk of this may be reshipped to Germany. Norwegian cod liver oil is cheaper, following the recent excellent catch in Norway. Cascara sagrada remains very firm, with a further rise at the source. Balsam tolu is easier. There have been some good shipments of drugs and essential oils from the Far East this week, and no fewer than four large steamers have arrived from Japan. Among pharmaceutical chemicals, business remains small with few alterations. Bromides are cheaper; citric acid, tartaric acids, and hexamine are rather firmer. Industrial chemicals remain slow, and business limited in volume; acetone is rather firmer, and commercial epsom salt is tending higher. Oxalic acid and sodium hyposulphite are easier, while sodium and potassium prussiate are cheaper. Arsenic is weak and lower. Red and white lead and litharge have been reduced by home makers. Most of the vegetable oils show a change in buyers' favour, these including cotton seed, palm, soya bean, linseed and turpentine oils. Other changes include a slight decline in shellac and an irregular market for mercury.

Higher	Firmer	Easier	Lower
Citronella oil (Jv.)	Acetone	Albumen	Acid oils
Cream of tartar	Citric acid	Anise (star) oil	Antimony
Granium oil	Epsom salt	Balsam tolu	Arsenic
Lime oil	Hexamine	Benzoic acid	Cocoa butter
Peppermint oil (Amer.)	Tartaric acid	Campior (ref. slabs)	Cod-liver oil
Spearmint oil (Amer.)		Caraway seed	Cotton oils
Vanillin		Cassia oil (e.i.f.)	Glucose
		Clove oil	Litharge
		Hemp seed	Potash prussiate
		Linseed oils	Red and white lead
		Menthol	Saccharin
		Mercury	Shellac
		Mint oil (Jp.)	Sodium
		Oxalic acid	Sodium prussiate
		P. im oils	Sugar
		Rubber	Turpentine
		Sandalwood oil (ol. amvris) (W.I.)	Wood oil (hankow)
		Sarsaparilla (Mex.)	
		Soya oil	
		Terpene hydrate	

Cablegrams

NEW YORK, April 30.—Business is quiet. Cascara sagrada has advanced to 36c. per lb. and senega to 64c. Short buchu is dearer at 79c. per lb. Menthol has declined to \$13.50 per lb., and Mexican sarsaparilla to 19c. per lb.

BERGEN, April 30.—The total catch of cod for the whole of Norway since the opening of the season amounts to 40,100,000, against 37,300,000 for the corresponding week of last year, and the yield of steam-refined medicinal oil is 78,956 hectolitres, against 69,167 hectolitres last year. Finest new non-freezing medicinal oil is lower at from 94s. to 95s. per barrel, c.i.f. principal U.K. ports.

Exchange Rates on London

The following is a list of Continental and other exchange rates against the pound sterling on London prevailing at 4 p.m. on Wednesday:—

Place	Method of Quoting	Par of Exchange	April 23	April 30
Amsterdam	Fl. to £	12.107	11.83½—11.84	11.71½—11.72
Berlin	M to £	20.43	18½—19½ billions*	18½—18½ billions*
Brussels	Fr. to £	25.22½	76½—77	80½—81½
Calcutta	Per rup.	24d.	16½d.—16½d.	16½d.—16½d.
Christiania	Kr. to £	18.159	31.50—31.55	31.70—31.75
Constantinople	Pst. to £	110	800—815	805—820
Greece	Dr. to £	25.22½	217—222	220—223
Italy	Lire to £	25.22½	98—98½	97½—98
Kobe	Per yen	24.58d.	21½d.—21½d.	21½d.—22½d.
Lisbon	Escu.	53½d.	18½d.—18½d.	18½d.—18½d.
Madrid	Pts. to £	25.22½	31.05—31.10	31.70—31.75
Montreal	\$ to £	4.86	4.47—4.47½	4.44—4.45
New York	\$ to £	4.86	4.39½—4.39½	4.38½—4.38½
Paris	Fr. to £	25.22½	65.55—65.55	67.95—68.05
Singapore	Per dol.	27½d.	27½d.—28½d.	27½d.—28d.
Switzerland	Fr. to £	25.22½	24.79—24.81	24.57—24.60
Vienna	Kr. to £	24.02	310,000—313,000	310,000—313,000

* Nominal.

Revue des Marchés

Sommaire des principaux mouvements des prix des drogues, essences, produits chimiques et pharmaceutiques sur le marché de Londres.

Abréviations d'usage employées pour indiquer les mesures de poids et de capacité:—Ton = 1016 kg.; Cwt.=50,8 kg.; lb.=453 gr.; oz.=28,34 gr.; Gal.=4546 c.c.

Ces temps derniers une mollesse a été constatée sur notre marché; l'industrie et le commerce sont restés sur une certaine réserve et par suite de cette inactivité les transactions restent restreintes, avec peu de changements. En menthol, les arrivages du Japon et de New York ont été assez importants, pourtant le prix reste stationnaire. De même on signale de forts arrivages de drogues et d'essences de l'Extrême Orient, notamment quatre vaisseaux en provenance du Japon. L'huile de foie de morue est en baisse sensible. Les exportateurs étrangers annoncent une avance dans les cours de l'acide tartrique et de l'acide citrique, ce qui permettra aux fabricants anglais de concourir avec les produits importés. La crème de tartre est aussi en hausse, et l'on s'intéresse aux cotations du livrable. En produits pharmaceutiques, peu d'affaires; les bromures sont en baisse; par contre, l'acide citrique et l'acide tartrique sont un peu plus fermes. En produits chimiques industriels les affaires sont calmes. L'acide oxalique, l'hyposulfite de sodium, le prussiate de potassium et le prussiate de sodium sont en tendance faible. Les fabricants anglais annoncent une réduction dans les prix du minium de plomb, de la céruse et du litharge. Par contre, l'acétone est un peu plus ferme, et le sulfate de magnésium industriel est en hausse. On constate une tendance à la baisse de l'essence de térébenthine et de la plupart des cours des corps gras, notamment de l'huile de coton, de l'huile de palme, de l'huile de lin et de l'huile de soya.

Zum Marktbericht

Überblick über die wichtigsten Preisveränderungen auf dem Londoner Drogen- und Chemikalienmarkt.

Abkürzungen:—Ton=1016 kg.; Cwt.=50,8 kg.; lb.=453 g; oz.=28,34 g; Gal.=4546 ccm.

DER Londoner Drogen- und Chemikalienmarkt stand in der letzten Zeit im Zeichen fast völliger Geschäftstille; grössere Abschlüsse sind nicht zu verzeichnen gewesen, auch die Notierungen zeigten im allgemeinen nur wenig Änderung. Grössere Partien von Menthol sind aus Japan und aus New York eingetroffen, ohne die Preise vorläufig zu beeinflussen; gerade in letzter Zeit meldet man die Ankunft grösserer Zufuhren von Drogen und ätherischen Ölen aus dem Fernen Osten, darunter vier Schiffe aus Japan. Lebertran ist infolge der günstigen norwegischen Fangergebnisse erheblich im Preise zurückgegangen. Ausländische Exporteure melden eine Erhöhung der Preise

für Weinstein- und Zitronensäure, wodurch die englischen Erzeuger nunmehr in der Lage sind die Konkurrenz mit der importierten Ware aufzunehmen. Weinstein ist teuer, und die Notierungen für Abladungsware werden mit Interesse verfolgt. In pharmazeutischen Chemikalien hielten sich die Umsätze in engen Grenzen; Bromsalze waren billiger, während Weinstein- und Zitronensäure etwas fester verkehrten. In Schwerchemikalien bleibt das Geschäft schleppend, die Umsätze mittelmässig. Die Preise für Antiehlor, Gelbkali (Natrium und Kalium) und Oxalsäure neigten nach unten, dagegen waren Azeton und Magnesiumsulfat (techn.) höher bewertet. Englische Fabrikanten haben ihre Notierungen für Bleiweiss, Bleimennige und Lithargyrum ermässigt. Die Preise für Terpentinöl, sowie für die meisten vegetabilischen Öle, wie Baumwollsaamen-, Palm-, Soyabohnen- und Leinöl, lagen zu Käufers Gunsten.

Crude Drugs, etc.

ALBUMEN is easier, prime Chinese egg offering at 4s. 9d. per lb. on the spot, April-June shipment at 4s. 1d., and May-July at 4s. per lb. c.i.f.

ARROWROOT.—Good manufacturing St. Vincent is offered at from 10½d. to 1s. per lb., and grocery at 1s. 1d. per lb.

BALSAM TOLU is slightly easier on the spot, with good quality readily obtainable at about 7s. 3d. per lb.

BENZOIN.—Siam has been in better demand at the prices asked in the last auction.

CAMPHOR (REFINED).—Japanese slabs are easier, spot offering at 3s. 1½d. per lb., and March-May shipment at 2s. 9d. per lb. c.i.f. Crude is 2s. 10d. per lb. on the spot, sellers of March-May shipment quoting 2s. 8d. c.i.f.

CARAMEL.—The reduction in the sugar duties automatically applies to the various qualities of caramel on the market.

CARAWAY SEED is easier, but little business has been transacted at the lower values. Spot value is about 110s. per cwt. for Dutch and about 85s. for Morocco.

CARDAMOMS.—An auction was held by two brokers on Thursday, May 1, at which supplies aggregating 195 cases Indian and Ceylon were offered.

CASCARA SAGRADA.—Our N.Y. cable reports an advance to 36c. per lb. On spot prices remain very firm, and it is difficult to get any forward offers of new peel.

CASSIA LIGNEA is quiet, with fair selected offering at 50s., and broken at 32s. 6d. per cwt. on the spot.

CROVES.—Zanzibar continue quiet, with spot sellers at from 11d. to 1s. per lb. as to quality. To arrive, sellers quote April-June shipment at 11½d. c.i.f. The weekly wharf statistics show that the landings were 600, while the deliveries were 1,343 bales, leaving a stock of 38,072 bales, against 10,430 bales in 1923 and 11,330 bales in 1922.

COCOA BUTTER.—Best English brands have been selling at 1s. 2½d. per lb. in not less than one-ton lots. The proposed new customs duty will be 1½d. per lb., against the existing one of 3d. per lb.

COD-LIVER OIL.—The considerable improvement in the Norwegian catch during April has led to the recent substantial decline, and steamed crude medicinal cod-liver oil has been sold at the same price in Norway as industrial oils, and it is therefore possible that the bottom has been reached. As showing the change which has come over the catch, it may be noted that on March 22 the yield was only 16.9 millions cod and 37,500 barrels of oil, whereas on April 19 the yield had risen to 36.8 millions cod and 75,300 barrels of medicinal oil. Writing on April 28 our Bergen correspondent states that the codfishery at Lofoten is now finished, with a total catch of 15,800,000 cod, against 17,000,000 in 1923, and a yield of cod liver oil of 36,200 hectolitres, against 35,300 hectolitres in 1923. The outlook at Finmarken is very favourable. The total output of all the codfisheries in Norway, compared with that of the previous years, is as follows:—

	Catch of cod	Steam refined cod liver oil	Livers for crude oils
To April 19, 1924 ..	36,800,000	75,296 hectol.	9,939 hectol.
" 21, 1923 ..	34,700,000	66,408 "	12,544 "
" 22, 1922 ..	31,000,000	57,400 "	9,600 "
" 23, 1921 ..	32,200,000	50,000 "	7,900 "
" 27, 1920 ..	28,300,000	42,300 "	3,800 "

The market in Norway is still quiet, and buyers have retired, anticipating lower prices in view of the great production of steam-refined oil. The official quotation for non-freezing medicinal steam-refined quality is about 95s. c.i.f. London, but it is likely that there are sellers at less. In London agents quote from 91s. 6d. to 95s. per barrel c.i.f.

GINGER.—Jamaica is steady, with little disposition to offer new crop at lower prices. Early arrivals indicate a poor quality; spot prices are from 170s. to 190s. per cwt. for small to bold. Arrivals of new crop Cochín and Sierra Leone have had a tendency to weaken prices, but with an almost bare market a substantial decline is not expected. Fair washed rough Cochín is 95s. per cwt., and January-March shipment, 90s. c.i.f. Calicut is 120s., Cochín B cut 140s., and C cut 120s. per cwt. Sierra Leone is 90s., and Japanese 98s. per cwt.

GLUCOSE.—The proposed new Customs duty on solid is 7s. 5d. per cwt., against 16s. 3d., and on liquid 5s. 4d. per cwt., against 11s. 8d. per cwt. The new price for guaranteed water-white for May-June delivery is 25s. 7½d. per cwt., duty paid, landed terms.

MAGNESIUM.—The outlet is maintained at a very satisfactory rate, and quotations of home producers range from about 3s. 3d. to 3s. 9d. per lb. for small ingots or sticks, while there is a fair demand for powder on the basis of 4s. 6d. to 5s. 6d. per lb.

MENTHOL is inactive, spot sellers quoting Kobayashi-Suzuki at 65s. to 66s. per lb., and forward positions are quoted at 60s. to 61s. c.i.f. Between 70 and 80 cases of menthol have arrived from New York and Japan.

MERCURY.—The market has been somewhat erratic, chiefly on account of a number of resale lots which came on offer early this week, business having been reported at £13 17s. 6d. and even down to £13 15s. per bottle, at which figure the market closed or Wednesday. It is reported that there is no stock left at the Spanish mines. Italian shippers are very independent, asking fully £14 net c.i.f. for any shipment to this side, and seem confident that buyers will have no option but to pay that figure eventually, which is rather significant of the temper of the Italian market. A little export business has been done for India and China, the equivalent realised being over £14 per bottle, less 3 per cent. Arrivals in London comprise 3,750 lb. from Morocco and 4,375 lb. from Italy.

PEPPER.—Fair black Singapore is easy at 5d. per lb. on the spot, and for April-June and May-July shipments 4½d. per lb., c.i.f. London, is quoted for f.a.q. Lampong, has sellers at 5d. per lb. on the spot. White Muntok is easier at 8½d. To arrive, April-June and May-July shipment has been sold at 8½d. per lb., c.i.f.

PIMENTO is dull of sale at 2½d. per lb. for fair on the spot, and to arrive sellers quote 22s. 6d. per cwt. c.i.f.

QUILLAIA is steady, f.a.q. offering in Liverpool at £35 per ton.

RUBBER is easier by about ½d. per lb. The decline is due to the lack of interest that is being shown all round. Last week a fair amount of business was done, both on the spot and for direct shipment. The statistical position remains very satisfactory, and during the past fortnight stocks have been reduced by fully 1,100 tons. In spite of this, there is a reluctance on the part of both dealers and manufacturers to cover other than their bare requirements. First-hand rubber is still being held off the market, but, with the present state of trade, buyers find quite sufficient in second-hands to complete their requirements. The present London stock now stands at 54,165 tons. Quotations (Wednesday, 5 p.m.):—No. 1 standard crêpe and ribbed smoked sheet, spot and May, 1s. 0¾d.; June, 1s. 0½d.; July-September, 1s. 0¾d.; October-December, 1s. 1d. per lb.

SEEDS.—The market still remains very quiet, with prices unchanged. The following are spot prices: CANARY SEED is still quoted at 28s. 6d. per cwt. for Mazagan. CORIANDER SEED, sound Morocco 32s. 6d. per cwt.; CUMIN SEED, Malta 115s., Morocco 110s.; DILL SEED, 20s. to 21s.; FENNEL SEED, Indian 38s. to 40s.; FENUGREEK SEED, Morocco 22s. 6d., and Spanish 19s.; HEMP SEED, Manchurian, 17s. to 22s.; LINSEED, Morocco, 27s.; MUSTARD SEED, English, 36s. per cwt.

SENEGA has been selling in smallish lots, with sales at 3s. per lb. for darkish, and up to 3s. 1d. is quoted as to quantity. For good bright root up to 3s. 2d. is asked in some directions.

SENNA.—Stocks of Tinnevely are getting into small compass, and will probably be extremely short before new supplies arrive. Good sales have been made recently at steady rates, the commonest variety having realised 4d. per lb., and, according to grade, from 5d. to 8d. has been paid, the highest figure being for good, bold leaf. Smalls are unobtainable.

SHELLAC is quiet and lower, with usual standard TN orange quality offering at 265s. to 270s. per cwt.; fine second orange to superfine is 300s. to 370s., AC cakey 280s., and GAL 270s. For delivery, the sales include May at 247s. 6d. and August 257s. 6d. to 245s.

Essential Oils

THERE is a fair demand this week and prices generally are firm. Java citronella is again dearer, and a good business has been done at steady rates in Ceylon citronella for shipment. Bourbon geranium is scarce and dearer; Algerian is apparently also difficult to find on the spot. American spearmint is dearer. Fair spot sales have been made in star anise oil, the c.i.f. prices being easier. Cassia is also lower to arrive. English clove oil is cheaper, and Japanese mint is also easier. West Indian sandalwood is lower. Sicilian oils are dearer in the forward positions than on spot.

ANISE (STAR).—"Red Ship" is cheaper to come forward at 2s. 3d. to 2s. 9d. per lb. c.i.f. Business has been reported at less than 2s. 6d. per lb. c.i.f., but of this there is no confirmation. On the spot, 2s. 8d. is quoted, and fair sales were made at the price during the week.

BERGAMOT.—The c.i.f. quotations for usual brands range from 18s. 6d. to 18s. 9d. per lb. for 37 to 39 l.a. On the spot sales have been made at about 17s. 9d. and sellers.

BOIS DE ROSE (FEMELLE).—There is a fair amount of inquiry on the spot, sellers quoting about 22s. per lb.

CAJUPUT is quiet and about steady at from 3s. 2d. to 3s. 3d. per lb.

CARAWAY.—Dutch double-rectified oil is offered at from 33s. 6d. to 35s. per lb. as to seller and quantity.

CASSIA.—Spot is steady at 8s. 3d. per lb. for 80 to 85 c.a. The c.i.f. prices are quoted variously at from 7s. 1d. to 7s. 9d., which is easier.

CITRONELLA.—Ceylon on the spot is quiet and nominal at 3s. 6d. per lb. There has been a fair demand for shipment and sales have been made at 3s. 3d. c.i.f., and buyers. Java is dearer on the spot; 5s. to 5s. 1d. is quoted, and 4s. 9d. e.i.f. for July-December shipment. The total quantity of citronella oil exported from Ceylon during 1923 was 1,118,619 lb., against 1,325,355 lb. in the previous year. The United Kingdom purchased 379,200 lb., compared with 313,403 lb. in 1922; United States, 571,841 lb. in 1923 and 779,951 lb. in 1922; France brought in 1923 45,278 lb., compared with 3,452 lb. in 1922; shipments to Australia and New Zealand fell from 89,056 lb. to 41,547 lb. last year. Supplies received by "other countries" also dropped to 80,753 lb. from 139,493 lb. in 1922.

CLOVE.—English distilled is cheaper, with sellers on the spot at from 7s. 6d. to 7s. 9d. per lb.

DILL.—European distillate B.P. is quoted at 27s. per lb. East Indian is offered at 20s.

EUCALYPTUS on the spot is quiet and unchanged, with sellers at 2s. 1d. to 2s. 2d. per lb. Shippers are quoting up to 2s. c.i.f. in some directions.

GERANIUM.—Bourbon is dearer; spot sales have been made at 32s. 6d. to 33s., holders now asking 35s. to 36s. Algerian is nominal at 36s.

GINGERGRASS.—The "insoluble" variety is nominal at 7s. 6d. per lb.

JUNIPER BERRY.—Sales of B.P. oil have been made at 4s. 3d. per lb. Wood oil is quoted at 2s. 3d.

LAVERDER.—French oil 40 per cent. natural esters is selling on the spot at 26s. per lb.

LEMON.—The c.i.f. quotation is unchanged at 3s. 6d. to 3s. 7d. per lb. On the spot there are sellers at from 3s. 3d. upwards.

LEMONGRASS.—Cochin is steady on the spot at 3s. 10d. per lb., and 3s. 8d. to 3s. 9d. e.i.f. is quoted for early shipment.

LIME.—West Indian distilled has been in demand and is dearer at 5s. per lb. on the spot. Hand-pressed has also advanced, up to 9s. being quoted.

MINT.—Japanese dementiolised Kobayashi-Suzuki is quiet and easier at 18s. to 18s. 3d. per lb. The c.i.f. quotation is cheaper at 18s., and bids of less might be accepted.

MUSTARD.—Genuine B.P. oil is offered on the spot at from 26s. to 29s. per lb. Artificial is 15s.

NUTMEG is quoted on the spot at about 6s. 6d. per lb.

ORANGE.—Sicilian sweet is quoted at 12s. 6d. to 13s. per lb. on the spot, and from 13s. c.i.f. upwards. For West Indian sweet, 10s. to 10s. 6d. per lb. is asked, as to seller.

PALMAROSA is unchanged at from 17s. 6d. to 18s. per lb. on the spot.

PATCHOULI.—Small sales of Penang oil have been made at 18s. 6d. per lb. and sellers. Mysore oil is quoted at 25s.

PEPPERMINT.—American natural tin oil is very firm on the spot, with sellers at 21s. to 22s. per lb. H.G.H. is 26s. 6d. to 27s.

PETITGRAIN.—Paraguayan has been in fair demand: the spot quotation is about 9s. per lb.

SANDALWOOD.—East Indian B.P. oil is quoted at from 24s. to 25s. per lb. West Australian is unchanged at 19s. 6d. to 20s. per lb. West Indian (ol. amyris) is cheaper, with sellers at 12s. on the spot.

SEAPERMINT.—American is tending dearer, up to 15s. per lb. being asked in some directions.

SPIKE.—Spanish on the spot is quiet at from 5s. 3d. to 5s. 6d. per lb., according to quantity. French oil is scarce and dearer at the source, the equivalent of 8s. 6d. to 9s. per lb. e.i.f. being quoted. Spot holders can shade these prices.

Aromatic and Synthetic Chemicals, etc.

ANETHOL has advanced, and aubepine is also dearer. Linalol and linalyl acetate are higher; diphenyl oxide has been in demand; safrol is quiet and unchanged. Vanillin is tending firmer.

	Per lb.		Per lb.
Acetophenone ..	12/6	Heliotropine ..	7/3
Amyl butyrate ..	7/3	Hydrocinnamic ..	23/6
Amyl salicylate ..	3/3 to 3/9	aldehyde ..	15/9
Anethol ..	4/6	Iso-eugenol ..	24/- to 26/-
(M.P. 21/22° C.) ..	13/- to 14/6	Linalol ex bois de ..	32/-
Aubepine ..	3/4 to 3/6	rose ..	9/-
Benzaldehyde f.f.c. ..	2/9 to 3/1	Linalyl acetate ..	2/4 to 2/6
Benzyl acetate ..	2/9 to 3/1	Methyl anthranilate ..	48/- to 52/6
" alcohol ..	5/-	" salicylate ..	50/-
Cinnamic aldehyde ..	15/6	Musk ambrette ..	17/6 to 18/-
Cinnamic aldehyde ..	10/-	" ketone ..	24/- to 32/-
Citral ..	16/-	" xylol ..	15/- to 18/-
Citronellol ..	20/- to 20/6	Phenylacetic aldehyde ..	57/6
Coumarin ..	4/-	Phenyl ethyl alcohol ..	1/10 to 2/-
Diphenyl methane ..	4/- to 4/6	Rhodinol ..	2/6 to 2/8
Eugenol ..	11/-	Safrol ..	25/3 to 26/0
Geraniol ..	10/6 upwds.	Terpineol ..	
" (palmarosa) ..	35/-	Vanillin ..	

Pharmaceutical Chemicals, etc.

THIS market remains generally quiet, with business small and slow: there are a few alterations in spot values. Bromides are easier. Citric and tartaric acids are rather firmer on quotation.

ACETANILIDE remains dull, with dealers offering spot supplies round about 2s. 6d. per lb.

AMIDOPYRIN is unchanged, with dealers offering at 13s. per lb.; no interest shown at present.

AMMONIUM BENZOATE is steady but very quiet: dealers quote at 3s. 9d. per lb.

ASPIRIN keeps up to its former figures for spot supplies. Dealers offer good brands in the region of 3s. 4d. to 3s. 6d. per lb., according to quantity.

BARBITONE continues to be quoted at 16s. per lb., but there is little or no business being done.

BENZALDEHYDE .03 is quiet but steady, as mentioned, at about 3s. 4d. to 3s. 6d. per lb.

BENZOIC ACID (B.P.) is rather cheaper this week, with a fair supply of good quality available at about 3s. 9d. per lb.

BENZONAPHTHOL keeps up to its former figure of 6s. per lb., but the market is neglected.

BETANAPHTHOL is well maintained, with dealers quoting close up to 3s. 6d. per lb.

BROMIDES.—This market is much easier this week and spot offers for quantities are freely made. Ammonium is about the best, with the price at 10½d. to 11d. per lb.; potassium, B.P. crystals and granular, is down to about 7½d. to 7¾d. per lb.; sodium, B.P. crystals and granular, is offering at the cheaper rates of 8d. to 8½d. per lb. The market is unsteady.

CALCIUM LACTATE is freely offered, with business rather slow, and prices are in the region of 1s. 7d. to 1s. 8d. per lb. for quantities.

CHLORAL HYDRATE is very steady, and spot supplies are moving off at a little under the quoted rate of about 3s. 8d. to 3s. 9d. per lb.

CHRYSAOBIN.—Makers quote from 16s. to 15s. per lb., according to quantity.

CITRIC ACID (B.P. crystals).—Spot holders are now asking about 1s. 6d. per lb., less 5 per cent. for quantities. It is,

however, doubtful if much business has been put through at this figure. The movement is rather one of anticipation, and is, of course, supported by Continental and home makers' prices.

CREOSOTE (B.P.) keeps steady but quiet, with dealers asking 2s. 6d. per lb.

CREOSOTE CARBONATE has been inactive. Dealers' price of 6s. 6d. per lb. is a nominal value.

GUAIACOL CARBONATE is fully maintained, with spot parcels offered at about 12s. to 12s. 6d. per lb., the lower price for cwt. lots.

HEXAMINE, which has been tending to harden of late, is now quoted at the slightly higher rates of 3s. 8d. to 3s. 9d. per lb., on spot.

HYDROQUINONE continues to meet with a limited business at round about 4s. 2d. to 4s. 3d. per lb.

LACTIC ACID is steady, with the market quiet at about 2s. 9d. per lb. for B.P.

METHYL SALICYLATE keeps steady at about 2s. 4d. to 2s. 6d. per lb. for spot supplies.

METHYL SULPHONAL is seldom inquired for. Dealers' prices, however, are fully maintained in the region of 25s. per lb.

PARAFORMALDEHYDE shows no change, with the spot quotation at about 3s. 6d. per lb. Business quiet.

PARALDEHYDE has been moving off fairly well at about 1s. 4d. to 1s. 5d. per lb. for quantity, in bottles and cases.

PHENACETIN.—Offers on spot are rather irregular, varying from about 6s. 3d. to 6s. 9d. per lb.; the average price asked is about 6s. 6d. per lb.

PHENAZONE is very steady and there is little spot offering below about 8s. per lb.

PHENOLPHTHALEIN remains dull, with dealers' prices about 7s. to 7s. 3d. per lb. Supplies are more plentiful.

POTASSIUM PERMANGANATE (B.P.).—Business continues quite satisfactory here, with dealers selling close up to 7½d. per lb., in drums, for quantities.

POTASSIUM SULPHOGUAIACOLATE shows no movement; dealers quote at about 6s. 6d. per lb.

RESORCIN in dealers' hands is offering steadily at about 5s. 9d. per lb., with occasional business done.

SACCHARIN.—The new duty is 50s. per lb., against 110s. per lb. New prices have not yet been fixed by the British makers.

SALICYLIC ACID (B.P.).—Dealers' prices on spot are still at about 1s. 11d. per lb., and a few orders have been booked at about this figure. Makers' prices are from 2s. 3d. down to 1s. 9d. for ton lots. Market is rather weak, but tends to improve.

SALOL is available on spot, with dealers' prices from 4s. to 4s. 3d. per lb.

SODIUM BENZOATE (B.P.).—Really good quality is now available in small lots at about 3s. per lb. Supplies are more plentiful.

SODIUM DIETHYLBARBITURATE is quoted in the region of 17s. per lb. Little interest is shown.

SODIUM SALICYLATE.—Powder on spot is freely offered at about 2s. 6d. per lb., or perhaps a shade under. B.P. crystals continue to hold at a much higher value in the region of about 2s. 9d. to 2s. 9½d. per lb.

SULPHONAL has been lifeless of late. The quoted price is at about 17s. per lb.

TARTARIC ACID (B.P. crystals).—Some holders are now asking about 1s. 2d. per lb., less 5 per cent., in anticipation of a better demand now that the season is coming along.

TERPIN HYDRATE.—Spot prices are rather easier, being at about 1s. 8d. per lb., with the market dull.

THYMOL is offered by dealers at about 15s. to 15s. 6d. per lb., with the market quiet.

The following average prices are quoted by British makers: Camphoric acid, 21s. to 19s. per lb. Bismuth salts: Carbonate, 14s. 9d. to 12s. 9d.; subnitrate, 12s. 9d. to 10s. 9d.; citrate, 13s. 4d. to 11s. 4d.; salicylate, 12s. 2d. to 10s. 2d.; cadmium sulphate, 4s. 6d. to 4s. 3d.; ether, s.g. 0.720, 1s. 6½d. to 1s. 2½d.; purif. ex S.V.M., 2s. 2d. to 1s. 10d. per lb.; iron ammon. citrate, B.P., 2s. 3d. to 1s. 11d.; iron ammon. citrate, U.S.P., 2s. to 1s. 8d.; iron ammon. citrate, green, 3s. to 2s. 6d. per lb.; phosphoric acid, s.g. 1.750, 1s. to 11d. per lb.; potass. acetate, 1s. 4d. to 1s. 1d. per lb. Potash citrate, 2s. to 1s. 8d.; sodium citrate, B.P.C., 1s. 9d. to 1s. 5d.; sodium citrate, U.S.P., 2s. to 1s. 8d.; sodium nitro prusside, 16s. per lb.; sodium sulphide, pure recryst., 1s. 2d. to 10d.; terebene, 2s. 8d. to 2s. 6d. per lb.; boric acid, B.P., crystals, £54 per ton, powder, £58, carriage paid to any station in Great Britain; pyrogallic acid, 6s. per lb. for 28-lb. lots of crystals; tannic acid, 3s. per lb. for B.P.; amidol, 9s. per lb., delivered; ammonium carbonate, £37 per ton; chloroform, 2s. per lb. in cwt. lots; potassium iodide, 16s. 8d. to 17s. 5d. per lb.; iodoform, 22s. 4d. to 21s. 6d. per lb.; ammonium iodide,

20s.; sodium iodide, 19s. 6d. to 18s. 10d. per lb.; soda metabisulphite cryst., 37s. 6d. to 60s. per cwt. net; tartar emetic, 1s. per lb.; salicin, 15s. to 14s. per lb.

Among the arrivals of chemicals which have paid Key Industry Duty since our last report are the following:—Acetylsalicylic acid, £384; butyl alcohol, £793; phenacetin, £238; potassium compounds, o.s. £1.059; sodium peroxide, £220; undescribed chemicals, £3,670.

Industrial Chemicals, etc.

London, April 30.

THERE is no material change to report. One or two products are somewhat easier on spot, and isolated cases of firmer conditions are recorded, the latter being due to a temporary shortage of supplies on spot. Business remains rather slow and limited in volume. Quotations from the Continent, especially from Germany, are relatively high.

ACETIC ACID, although moving off slowly, is rather firm on account of the smallness of spot stocks. 80 per cent. technical, about £47; 80 per cent. pure, about £48 10s.; 98 per cent. glacial, about £69 to £70 per ton, in glass demijohns, ex wharf, London.

ACETONE is scarce on spot and supplies on the Continent are also limited. Spot values are firmer, in the region of £100 per ton, for British Government specification. Production has been restricted of late owing to the fall in price and the dearthness of acetate of lime.

ANHYDROUS AMMONIA has been selling fairly well, with 99.95 per cent. offering at about 1s. 5d. to 1s. 6d. per lb.

ARSENIC.—The weakness has become somewhat accentuated under the slackness of demand, while America is evincing no interest in new importations. New York dealers are trying to resell, but buyers are still holding off. Japanese arsenic has been offering there in fair quantities at prices varying to as low as 10 cents per lb. Offers of Cornish producers have been made just lately down to £54, f.o.r., and parcels delivered London may be called about £53. Japanese is offering to dealers here at prices between about £50 and as low as £46, c.i.f., for forward shipment, and the pressure from this source has been one of the main depressing factors.

BLEACHING POWDER is available on spot at £10 to £10 10s. per ton for 35 to 37 per cent. chlorine.

COPPER SULPHATE.—Some of the larger makers have done a fair business for export at around £25 per ton for casks, f.o.b., less 5 per cent., but it is possible that orders might be placed at £24 15s. The home outlet is exceedingly restricted; foreign competition tends to keep prices down.

CREAM OF TARTAR continues to find some business, and dealers' prices are rather firmer at 84s. to 85s. per cwt., less 2½ per cent., in one-ton lots of B.P.

EPSOM SALTS on spot are rather dearer at about £5 5s. per ton for commercial, in bags, with the Continental price advanced.

FORMALDEHYDE remains dull in the region of £61 per ton for 40 per cent. volume.

GLAUBER'S SALT is available on spot, with commercial quality, in single bags, at about £3 12s. 6d. per ton.

LEAD ACETATE.—Dealers offer small spot parcels at: brown, £46; white, £47 to £48 per ton.

LEAD PRODUCTS.—Home makers of white lead and oxides late last week made a further all-round reduction in their prices of 30s. per ton. Red lead and litharge were placed on the basis of £48 for the home trade, while white lead in oil stands at £52 5s., and dry white lead at £47 10s. per ton, f.o.b.

LITHOPONE continues to meet with a fair business at round about £22 5s. to £22 10s. per ton, for 30 per cent. Continental red seal.

OXALIC ACID is, if anything, rather easier, in the region of 5½d. per lb., with the market still dull. German manufacturers of oxalic acid have combined to form a sole distributing centre, which now controls the market. Oxalic acid is being supplied in original barrels of about 300-400 kg., by the new organisation—Oxalsäure G.m.b.H., Ostrich im Rheingau.

POTASH CAUSTIC.—The spot position shows no change, with parcels quoted at about £31 per ton for 88 to 92 per cent. solid, in drums; business slow.

POTASSIUM CARBONATE has been in a little better request of late, and prices, which are fully supported by Continental rates, are steady: 90 to 92 per cent., about £24; 96 to 98 per cent., about £26 per ton.

POTASSIUM CHLORATE shows no change, with the average quotation about 3d. per lb.

POTASSIUM PERMANGANATE continues in fair demand, with commercial quality selling close up to 7½d. per lb., in drums.

POTASSIUM PRUSSIAN from dealers offering British is now offered at the lower price of about 8½d. per lb. for yellow.

SAL AMMONIAC.—Better business has been done and prices are now quite steady on spot. German prices are advancing: dog-tooth crystals, about £44 10s.; medium, about £40; fine white crystals, about £25 to £27 10s. per ton.

SODA CAUSTIC.—Dealers' prices are level: 70 to 72 per cent., £15 10s.; 76 to 77 per cent., £17 10s. per ton, in drums, ex wharf, shipping port. British makers' prices for home consumers on contract are unchanged at: 70 to 72 per cent., £17 17s. 6d.; 76 to 77 per cent., £19 7s. 6d. per ton, in drums, carriage paid to any station in Great Britain. Their prices for export vary as to destination.

SODA CRYSTALS (CARBONATE) for home trade only from British makers is £5 5s. per ton, in bags, carriage paid to any station in Great Britain.

SODIUM ACETATE on spot is quoted in the region of £24 per ton for small lots.

SODIUM BICARBONATE is level on the week, with British makers selling at £10 10s. per ton, in free bags, carriage paid, for home trade only.

SODIUM BICHROMATE for home trade is steady at 4½d. per lb., carriage paid, for home trade only.

SODIUM HYPOSULPHITE is slightly easier on spot, with business fairly good. Pea crystals, in one-cwt. kegs, about £14 10s. per ton; commercial quality, in casks, about £9 15s. per ton.

SODIUM PRUSSATE shows a further fall, with dealers now offering British at about 4½d. per lb.

SODIUM SULPHIDE continues to find little business, so far as dealers are concerned: 60 to 62 per cent., solid, £14 10s.; ditto, broken, £15 10s. per ton, in drums.

COAL-TAR PRODUCTS, ETC.—Business in these products has been very limited again this week. The tone of the market, however, keeps very steady, with the exception of pitch, which remains nominal on a lifeless market. **ANILINE OIL** continues to be quoted by British makers, naked, ex works, at 7½d. to 8½d. per lb. Business is quiet and the market unsteady. **ANILINE SALT** is unchanged at 7½d. to 9d. per lb., naked, ex works, as quoted by British makers. Hardly any inquiry of late. **BETANAPHTHOL** is steady on a quiet market, as mentioned at 1s. 1d. to 1s. 2d. per lb. **TOLUOL.**—Pure, 1s. 8d. to 1s. 9d.; 90's, 1s. 4½d. to 1s. 7d. per gallon. British makers' prices are unchanged on the week. **XYLOL.**—Pure, 3s. 3d.; commercial, 2s. 3d. per gallon. There is no change to record in British makers' prices. **CREOSOTE OIL** is steady but not very active; quoted at 8½d., ex works, and 9½d. per gallon, f.o.b. **CARBOLIC ACID** crystals are fairly steady, with the price maintained at 7½d. to 8½d. per lb., f.o.b., for 39° to 40° C. ice crystals, in bulk packing. Crude 60's is 2s. to 2s. 3d. per gallon. **CRESYLIC ACID** is well maintained, with occasional business at the quoted prices of 1s. 11d. to 2s. 1d. per gallon. Pale, 95 per cent., 1s. 10d. to 2s. per gallon; dark, 1s. 8d. to 1s. 11d. **NAPHTHALENE** is steady but rather subdued, with dealers' prices in the region of £16 15s. to £17 per ton for crystals and flaked. **PYRIDIN** is fully maintained, as mentioned, at about 22s. to 24s. per gallon, and supplies are difficult to locate. There is plenty of inquiry on the market. **HEXAMETHYLENE** from dealers continues to be offered close up to 3s. 9d. per gallon, with the demand small. **PURE METHYL ALCOHOL** remains in very restricted call, with dealers offering supplies, ex wharf, in drums, at about £80 per ton. **PITCH** continues practically inactive, and the price quoted is nominal, at about 57s. 6d. per ton, f.o.b. East Coast.

RUBBER CHEMICALS.—The following are current prices from makers:—Antimony sulphide, golden, 5½d. to 1s. 4d. per lb., according to quality; crimson, 1s. 3d. to 1s. 6d. per lb., according to quality; arsenic sulphide, yellow, 1s. 11d. per lb.; barvtes, £3 10s. to £6 15s. per ton, according to quality; cadmium sulphide, 3s. 9d. per lb.; carbon bisulphide, £24 to £26 per ton, according to quantity; carbon black, 6½d. to 6¾d. per lb.; market firmer; there is a possibility of legislation to control the amount of natural gas used in production of American black; this may mean higher prices and manufacturers are not anxious to accept orders; carbon tetrachloride, £56 per ton, drums free; chromium oxide, green, 1s. 3d. per lb.; indiarubber substitutes, white and dark, 4½d. to 6½d. per lb.; demand very brisk; prices likely to remain steady owing to firmness of rapeseed oil; lamp black, 43s. 6d. per cwt., barrels free; lead hypsulphite, 7½d. per lb.; lithopone, 30 per cent., £22 10s. per ton; mineral rubber, £15 10s. per ton, f.o.r. London; sulphur, £10 to £12 per ton, according to quality; sulphur chloride, 3d. per lb., carboys extra; thiocarbamide, 2s. 9d. per lb.; vermilion, pale and deep, 5s. 1d. per lb.; much dearer following rise in quicksilver; zinc sulphide, 7½d. to 1s. 8d. per lb., according to quality.

Fixed Oils, etc.

Most items in this market have remained decidedly quiet during the past week. The tone throughout has been dull, and the few changes in prices are all in buyers' favour.

Turpentine shows a big drop on the week. **ACID OILS.**—Further reductions in values are recorded, with business still very quiet: coconut and palm kernel, 38s.; groundnut, 35s.; soya, 35s., all spot. **CASTOR.**—Prices fully maintained on a firm market: pharmaceutical, 72s.; first pressings, 67s.; second pressings, 65s., all spot, in barrels in not less than one-ton lots, ex mills. **COCONUT.**—Quoted prices show no change, with the market continuing very dull: deodorised, 50s. spot; Ceylon, 44s. c.i.f.; Cochin, 50s. c.i.f. **COTTON.**—Prices for some grades show a further reduction, but at the close the market was steady, but not very active: deodorised, 52s.; common edible, 50s.; soapmaking, 46s.; crude, 42s. 6d., all spot. **GROUNDNUT.**—There is no change to record; market still dull: deodorised, spot, 56s.; crude Oriental, 50s. e.i.f. **LINSEED** (raw, naked).—Quoted prices show a slight fall for all positions on the week, but at the close the market was quite steady: on spot, 37s. 3d.; May-August, 36s. 4½d.; September-December, 36s.; Hull, on spot, 36s. 6d.; May-August, 36s. 3d.; September-December, 36s. **PALM KERNEL.**—Prices hardened a little early on, but at the close the market was very quiet: deodorised, 48s.; crude, 42s. 6d., all spot. **PALM.**—A week of quiet markets is recorded and prices for most grades are on a lower level. The tone is not at all good: Lagos, 37s.; softs, 36s. 3d.; mediums, 37s.; hards, 36s. 9d.; bleached, 39s. 6d., all spot. **RAPE.**—The market remains dull, with quoted prices unchanged: refined, 53s. 6d.; crude, 50s. 6d., all spot. **SOYA.**—A dull market, with the tone rather easier: deodorised, about 50s.; crude, about 43s., all spot. **TURPENTINE.**—The advance in the value of sterling has rather affected the market, which sagged further, closing dull: on spot, 73s.; May-June, 72s.; July-December, 69s. 6d. per cwt. The London stocks were reduced to 13,500 barrels, including 300 barrels of French spirit, while the deliveries amounted to 1,220 barrels. Spirit can be bought here more cheaply than in America. Old stocks in the States are estimated at about 21,000 barrels, and the quantities afloat to this side are split up between four steamers and are about 2,000 barrels. **WOOD.**—Hankow in barrels is quiet and lower at about 87s. 6d. per cwt.; April-May, 76s.; and Hong-Kong, 84s. spot.

LUBRICATING, MINERAL AND BURNING OILS.—Lubricating oils have been quieter of late, but the spot position is very steady. Other products are generally firm, and isolated cases of further slight advances in values are recorded. **BENZOL.**—There is no change in British makers' prices: crude 65's, 10½d. to 1s.; standard motor, 1s. 6d.; pure, 1s. 8½d. to 1s. 10d. per gallon, ex works, in tank wagons, f.o.b. price about 6d. per gallon more, in free drums. **FUEL OIL.**—Quoted prices show a further advance, with the market firm: 890 gravity, £5 7s. 6d.; 950 gravity, £4 7s. 6d. per ton, ex tank. **PARAFFIN WAX AND SCALE** remains firm, with values fully maintained: wax from 3½d. to 5½d. per lb., according to melting point, in bags; scale is offering, c.i.f. U.K. port, at about 31s. per cwt. **SOLVENT NAPHTHAS.**—A fair business continues here with values steady: 90 to 160, about 1s. 3d.; heavy, 90 to 190, about 1s. 2½d. to 1s. 3d. per gallon. **PARAFFIN OILS.**—A firm market: American standard white, 1s. 1d.; water white, 1s. 2d. per gallon, barrels free; Russian prime white kerosene, 6½d. to 7d., ex tank; 7½d., buyers' barrels filled free; 10d., barrels free, ex wharf, London. **PETROLEUM JELLIES.**—Prices are unchanged on a steady market: white and snow white, £64 to £69; amber and yellow, £25 to £28; red vet, £22; dark stiff green, about £21 per ton, ex wharf, London, barrels free. **WHITE OILS.**—Prices are fully maintained on a firm market: Special No. 1, £45; No. 1, £39; No. 3 half-white, £31 per ton, drums free, ex wharf, London. **LUBRICATING OILS** have been rather quieter of late, but the market keeps very steady and no material change is looked for yet awhile: spot, pales, £14 to £27; reds, £15 to £28; dark cylinders, £17 10s. to £37; filtered cylinders, £23 15s. to £43 per ton, less 2½ per cent., ex wharf, London. **SOLUBLE OIL.** £21 to £27 10s. per ton, net. No. 1-RUSSIAN OIL stands firm at about £19 15s. per ton, less 2½ per cent., ex wharf, London.

Corn'sh Arsenic

In the course of the annual meeting of South Crofty, Ltd., held at Winchester House, London, E.C., on April 25, the chairman (Mr. F. Allen, J.P.) stated that the price of "arsenic averaged £63 1s. 10d., and so far the average selling price this year, which was the dull period, was £58. The directors had adopted a course which they believed to be in the interests of the shareholders in selling forward a considerable portion of the arsenic, and in pursuance of this policy they had sold forward a substantial part of their output at a very remunerative price. They were thus assured that their arsenic was going to yield a satisfactory profit, and, in consequence, they could foresee quarterly dividends ahead."

Correspondence

Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

British Pharmaceutical Conference

SIR,—It has been already announced that the annual meeting of the British Pharmaceutical Conference will be held this year at Bath from July 21 to 25; and we should be glad now to have the courtesy of your columns to ask those who desire to contribute papers to send to us the titles of their proposed contributions as early as possible, in any case not later than July 1. The papers themselves should be received by us at least ten days before the annual meeting. Members can help us greatly by informing us in good time of their intentions with regard to papers, and we shall be very glad to hear from anyone who desires to make a contribution.—Yours faithfully,

C. H. HAMPSHIRE,

F. W. CROSSLEY-HOLLAND,

Honorary General Secretaries.

17, Bloomsbury Square, London, W.C.1.

A Sinister Bill

SIR,—The Bill to enable public health authorities in Scotland to distribute medicines is another step in the process of driving the qualified pharmacist out of business. The clause enabling the number of diseases under the Bill to be added to by Order is an example of the type of legislation which has been adopted in recent years, by which an official in a Government office can issue regulations without the consent of the House of Commons. This Bill is opening the door for the free treatment of any person by local clinics; and although this treatment is supposed to be for the poor and needy, we know, by the experience of the welfare centres, that many others make use of it who have no necessity to do so. What it really amounts to is that we are putting in our daily work to pay the rates that subsidise a competitive service which, by the nature of it, can undercut us hopelessly.

Truly yours,

RATED (29/4).

Sale Terms of Proprietaries

SIR,—At the present time some proprietary articles do not pay to handle. I would suggest that the wholesale members of the Proprietary Articles Trade Association refuse to stock any article that does not comply with the following conditions: That the wholesale price of all 1s. 3d. articles be 12s. per doz., that of 3s. articles 30s. per doz., and so *pro rata*, the wholesaler receiving the usual percentage from the makers. When invoicing, it would not be necessary to indicate each item separately, but, as in the newspaper trade, simply: 10 doz. 1s. 3d. articles at 12s.—£6; 3 doz. 3s. articles at 30s.—£4 10s., etc. The saving when invoicing would be a considerable advantage to the wholesaler. Unless some effort is made, our profits on these articles will dwindle further. We have already experienced the effect on the sale of an article "boycotted" by the wholesalers, and, could we enlist their sympathy all round, I am confident the suggested system would be to the benefit of the trade in general.

Yours, etc.,

"1868" (24/4).

SIR,—Proprietors of proprietary articles must by this time be getting very fed up with the perpetual attacks on and innuendoes against them, and wondering if they have any right to exist at all. Obviously, they are a terrible race of creatures, and the crimes of which they are guilty must "smell rank to Heaven," if the attitude adopted towards them is a fair one. What are the facts of the case? It is admitted by everyone that a considerable portion of every chemist's trade is in proprietary lines. The proprietors create the sale for them by their advertising, and supply the goods packed ready for handing across the counter. For this service the retailer

receives what he calls 20 per cent. (or more), but what is actually 25 per cent. (or more); for if he sells a 1s. article for 1s. 3d. it is clear he makes 25 per cent. on his original expenditure. Now, will some kind chemist tell me what awful crime is committed by the proprietor in providing this profit? Would retailers be better off, or in some cases even solvent, if they removed every proprietary line from their shelves? Your correspondent C. Denby Day claims that proprietors should take back and credit in full all goods not sold in 60 days, and allow full credit "for damaged goods if that condition is caused through no fault of the retailer." Proprietors are painfully aware that frequently goods are returned where the damage is clearly due to the retailer, who, however, expects to be, and is, credited as though he was free from blame. Finally, Mr. Day thinks that the retailer is entitled to 50 per cent. on cost price of the goods. Let us analyse these figures. On this showing a patent medicine selling at 1s. 3d. should cost the retailer 10d., and as the wholesaler expects a further 1½d. off, this leaves 8½d. Of this 8½d. the patent-medicine stamp accounts for 3d.—on which, by the way, the interest is lost till the proprietor receives payment for his goods in a month or two's time. The amount is thus reduced to 5½d., and this has to provide for materials, packing, put-up, transport, wages, overhead charges and the proprietor's profit. Think for a moment. The retailer is to receive 5d. clear profit if he sells, and return goods if he does not in two months, whilst the proprietor, whose capital is involved and runs all risks, is to receive as his reward some small fraction of 5½d., if he is lucky. How many proprietors could afford to carry on under such conditions and for how long, and if they did what sort of value would the public receive? Let me ask in conclusion whether this incessant grumbling, chivying and dictation is good business, and if it is not, rather more likely, sooner or later, to make proprietors transfer their capital from proprietary businesses to enterprises where they would be less harassed by unreasonable and impossible demands.

Yours, etc.,

COMMON SENSE (29/4).

SIR,—C. Denby Day's letter (*C. & D.*, April 19, p. 582) is a useful reminder that the salesman is a very appreciable factor in the success or otherwise of a new proprietary. This is a point often lost sight of by manufacturers, and also by pharmacists, who are too often caught with a new line by the addition of a presentation case or some other tit-bit, which becomes dearly bought if the pharmacist has a gross of an article, six dozen of which are sold and the other six dozen become part of the fixtures. An advertised line can be purchased at any and every pharmacy in the town, drug stores, and in these days probably at the hairdressers' and grocers' shops as well. By all means stock and sell advertised goods when there is a steady demand for them, but reserve your real energy for your own lines and your own service, which alone will build up a permanent business and constitute that abstract quality known as goodwill.

Faithfully yours,

GOODWILL (29/4).

False Ideas about the Pharmacist

SIR,—An incident recently recorded in your columns brings to mind a similar one that happened in my pharmacy. One day a man, handing me a script, said it would only take a minute to make up, as there was only some salts and water in it; so I handed it back to him and expressed my surprise that he should have come to a chemist at all; as he knew so much about it, why not make it up himself? Whereupon he climbed down, and I think this is the best way to treat such people. But when we look on the other side of the question, we cannot be surprised at this attitude on the part of the layman. In the *C. & D.* not long ago we read that two 1s. shaving sticks were being sold for 1s. 1d., and at other times we see letters stating that prescriptions have been dispensed at less than cost price. It is therefore not amazing that the public should get a false idea of the cost of drugs and labour, and think that they are paying too much when an economic price is demanded.

Yours, etc.,

PREZZO (29/4).

The Patient's Point of View

SIR,—I am thankful to say that I have not had to undergo "Veteran's" experience personally (*C. & D.*, April 26, p. 610), but when working abroad I have seen a good deal of medication by subcutaneous injection, which is used by medical men in some countries considerably more than it is at home. I have found that the patient in time, longer or shorter according to temperament, dreads the administration of the dose, and this has a general lowering effect on the system, if, in fact, the injections themselves do not give rise to further trouble by the continued pumping of fluid into the vessels. One case which I remember was that of a young lady who contracted diphtheria, and after undergoing a course of the usual serum developed some further complication, which was also treated by injection; then, being in a very low state, she was given a reviver three times a day, again by injection, so that she was getting about half-a-dozen ampoules daily for a period of several weeks, with the result that when medicine-time came round she became nearly hysterical in anticipation.

I am, etc.,
INEZIONI (28/4).

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

Advertising Competitors

Wrapped round the bottles of Woodward's Gripe Water is a handbill advertising Soluma (a cough mixture), with the information in large type, "Obtainable at all Boots' Depôts." Is there any reason why chemists should advertise rival traders? We shall have to establish a censorship of the advertisements which we involuntarily distribute.—*H. R.* (24/4.)

Dispensing Difficulties and Notes

Mucilage for Resinous Tinctures

The suggestion that tragacanth mucilage is superior to mucilage of acacia for the suspension of resinous tinctures lead to experiments, with the following formula:

Hyd. perch. ...	...	gr. 3
Tinct. tolu. ...	...	3j.
Aq. ...	...	ad 5iv.

M. ft. lotio.

Solution A was prepared, using 40 grains of powdered gum acacia. Solution B was prepared with one fluid ounce of mucilage of tragacanth. On standing, solution A gave a whiter and more presentable mixture, which remained opaque and milk-like for three days, requiring very little shaking to give a homogeneous mixture. In the case of B the lotion separated into two layers; the lower occupied not quite half, and was more opaque and milk-like than the upper layer. Both layers readily mixed on shaking, but the result was not so presentable as that of A.

ABEL SCHOLAR.

A Phenazone-salicylate Mixture

SIR,—On dispensing the following prescription a clear mixture is obtained; but, on standing, needle-like crystals are formed:—

Mag. sulph. ...	...	3iss.
Sodii sal. ...	...
Sodii brom. ...	...	aa 3ij.
Phenazon. ...	...	3ij.
Tr. gelsem. ...	...	3ij.
Aq. chlorof. ...	...	ad 3x.

How should it be prepared so that it will remain clear?

Yours faithfully,

SINAPIS (10/3).

[We have not succeeded in obtaining the needle-like crystals which have appeared in the mixture as compounded by you. No doubt they are crystals of phenazone salicylate, which is somewhat insoluble. Their appearance with you and not with us is puzzling. Are you quite certain that the chloroform water which you employed was prepared with distilled water?]

Legal Queries

Effess. (25/4).—The embrocation label you send would not render the preparation to which it is affixed liable to medicine stamp duty. There are no claims upon the label for the cure of human ailments.

Novice (18/4).—(1) There is no standard for solution of ferri amm. cit., and ferri et quin. cit., used in dispensing, but usually these are made of a strength of 1 in 2. (2) We cannot undertake to work out elementary dispensing calculations such as that you send.

L. N. D. (29/4) inquires for what period an ex-service man is exempt from paying income tax after demobilisation. [An ex-serviceman has no exemption as regards income tax. The concession to ex-servicemen was a temporary one, and has ceased to have effect some time ago.]

H. D. (25/4).—If the herbal pills are sold under the chemists' exemption for "known, admitted and approved" remedy, it will not be necessary to affix a medicine stamp, providing no claims are made in the title or otherwise to proprietary rights. The formula can be registered in *The Chemist and Druggist Diary*, 1925. A notice will be given in the *C. & D.* when we can receive formulas for that purpose.

H. R. C. (17/4).—(1) The neuralgia mixture label would render the preparation to which it is attached liable to medicine-stamp duty. (2) The reference to a standard work of reference required for "known, admitted and approved" remedies must be on the label affixed to the bottle. It is not sufficient to place a supplementary label containing the reference on the back of the bottle. (2) The sulphur lotion label would not render the preparation to which it is affixed liable to medicine-stamp duty.

Foggy (22/4) bought his business in May 1918, at which time the upper floors were let off, and this continued until June 1921, when he came to live on the premises. Prior to coming into occupation, an account was kept of rent received and rent, rates, and costs of repairs in respect of the whole premises, and a return of income made on that basis. Now the Inspector of Taxes disallows all deductions under these heads in excess of two-thirds. He also complains that stock is not taken and that sums drawn for personal expenditure have not been included in the income-tax return, and states that he intends to make an additional assessment on "Foggy" in respect of the past three years. The Inspector of Taxes also says that the accounts should be kept by a chartered or other accountant. [As regards the last part of the query, the inspector is wrong; if the accounts are properly kept, it does not matter who keeps them. On the other points, the inspector appears to be right. Where premises occupied as a residence by a taxpayer are also used for purposes of business, an allowance may be made not exceeding two-thirds of the whole annual value in respect of the part used for the business. No allowance is granted in respect of drawings for the purposes of personal or domestic expenditure. These sums are included in taxable income. As to stock, the difference between the value of the stock at the beginning and at the end of the business year ought to be brought into the account for income-tax purposes. An increase will increase the profits, a decrease will decrease them.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

R. A. (14/4).—Full details for preparing the cocaine eye-drops for factory first-aid cabinets were given in the *C. & D.*, January 12, p. 59.

M. Ltd. (23/4).—The manufacture of Epsom salts is dealt with in Thorpe's "Dictionary of Applied Chemistry," Vol. III, the information occupying about one page. So far as we are aware there is no work devoted solely to this subject.

F. T. T. (27/3).—We are unable to place you in touch with the chemist referred to who trades in a country district from a motor-van.

J. W. & S. (31/3).—REPAIRING CELLULOID ACCUMULATOR CASES.—It is generally leaks from seams that require repairing. This is managed by cleaning the crevices, wetting the surfaces with amyl acetate and pressing the surfaces together until the solvent has evaporated. Another method is to press a cement of red lead and gold size into the leaky places.

W. D. (11/3).—TANK DEVELOPER FOR PHOTOGRAPHIC FILMS.—

Metol	128 grains
Hydroquinone	1 oz. 48 grains
Sodium sulphite	1 lb. 11 oz.
Sodium carbonate	1 lb. 2oz.
Pyrogallol acid	1 oz. 48 grains
Potassium bromide	55 grains
Water	10½ gallons

The temperature of the bath should be 65° F., when twenty minutes is required for development.

C. & J. (25/3).—CLEANING OIL PAINTING.—The safest way of removing dirt is by means of warm soap and water. If the varnish has disintegrated the careful application of turpentine (by lightly sponging) acts as a solvent, but if the action is prolonged it extends to the oil painting; hence great care is required if the picture is of any value.

H. A. (20/3).—DENTAL CREAM FOR TUBES.—

Precipitated chalk	3v.
Powdered white soap	3j.
Salicylate of sodium	3iiss.
Oil of rose-geranium	℥XL.
Oil of wintergreen	℥XXIV.
Solution of carmine	℥XXVj.
Glycerin (4)	a sufficiency
Water (1)	

Triturate the powders, add the oils, and continue trituration until well mixed; then make into a paste of the desired consistency with glycerin and water mixed in the proportions given, add the solution of carmine, and rub all together until a smooth, creamy paste results.

Part of the chalk can be replaced by magnesia or calcium phosphate.

W. H. O. (18/3).—The best skin hardener is alum solution (1 in 20), used warm. The fingers are soaked in this for ten minutes each night. An additional help in the case of sore finger tips is to rest the fingers for a time by wearing rubber finger stalls.

Mensoc (18/3).—(1) SOLID BRILLIANTINE.—The cheapest variety consists of soft paraffin hardened by the addition of beeswax (about one in 20) and perfumed. A better quality is made as follows:—

White ceresine 1,000 grams

Melt in a water bath and add in a fine stream:—

Heavy paraffin oil 3,500 grams

When well mixed add the following perfumes:—

Artificial rose oil	25 grams
Geranium oil	15 grams
Artificial hawthorn	5 grams
Vanillin	5 grams

Another basis consists of ceresine one part, lanoline two parts, heavy paraffin oil six parts.

(2) CHEAP PERFUMES.—See *C. & D.*, June 9, 1923, p. 817. (3) Caffeine citrate is employed as a stimulant to horses before racing. (4) Variation in the manipulation during the making of vanishing creams accounts for different results. (5) COMPACT TOILET POWDERS are made by slightly moistening toilet powder with mucilage of tragacanth diluted with an equal quantity of water. The powder is then compressed and the discs stood on blotting paper to dry.

Scotia (21/3).—BALSAM OF LINSEED, HONEY AND HOREHOUND.—This formula was given in the *C. & D.*, January 13, 1923, p. 72.

Homœopath (Australia) (5/2).—BOOKS ON HOMŒOPATHY.—See *C. & D.*, February 25, 1922, p. 266.

J. W. (18/3).—BLEACHING COTTON-SEED OIL.—For edible oil the method of refining consists of filtering the oil through Fullers' earth. This removes colour, but it is permissible as a preliminary treatment to employ small quantities of alkalies or alkaline earths to neutralise free fatty acids, as this also removes colouring matter. If the oil is for use in soap-making or similar industrial processes it can be bleached with chlorinated lime and mineral acid, afterwards washing the oil with water to remove all traces of acid.

D. G. G. (India) (7/3).—(1) BOOKS ON PERFUMES.—Poucher's "Perfumes and Cosmetics" (Chapman & Hall, 21s.); Durville's "The Preparation of Perfumes and Cosmetics" (Scott, Greenwood & Co., 21s.); Walter's "Manual for the Essence Industry" (Chapman & Hall, 24s.). (2) ABSOLUTE ALCOHOL is prepared by treatment with dehydrating agents such as quicklime and dried calcium chloride and redistillation. The alcohol is of 90 per cent. before the above process is begun.

Erica (17/9).—ELIXIR OF SODIUM LUMINAL.—An elixir is first made by some such formula as the following:—

Spt. aurant. co.	3iss.
Spt. vini rect.	3j.
Syrupi	3viij.
Glycerini	3iv.
Aq. dest.	ad 3xx.

Filter bright through purified talc.

To make a sodium luminal elixir, add 1 grain of sodium luminal to each dram.

E. T. S. (17/4).—YADIL IN INSURANCE PRESCRIPTIONS.—If a prescription for 8 oz. of Yadil is sent to the Prescription Pricing Office the cost would probably be calculated from the price of one pint. The different sizes of Yadil are:—

	Cost	Sell
2 oz.	2/-	2/9
6 oz.	3/7	4/9
20 oz.	9/-	12/-

If 2 oz. and 6 oz. original packages are supplied as you suggest the cost would be 5s. 7d. But if the price is calculated from that of the 20-oz. size 8 oz. would cost 3s. 7d., which with the 1s. medicine stamp would be 4s. 7d. We suggest that you should fill the patient's bottle from an open 20-oz.

H. R. C. (17/4).—SULPHUR SKIN LOTION.—There is no standard formula for this, but the following from "Pharmaceutical Formulas" is good:—

Zinci sulphocarb.	3j.
Zinci oxidi	3ij.
Sulphur præcip.	3j.
Aq. coloniensis	3vj.
Glycerini	3vj.
Aq.	ad 3vj.

Sometimes the lotion is coloured pink by the addition of carmine or carthamine.

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," May 15, 1874

The Exhibition

The International Exhibition of this year, while it presents no features of special technical interest to us as chemists and druggists, is nevertheless, we think, equal to its predecessors in general attractiveness. The picture galleries are where most of the visitors do congregate, and with good reason, for besides many beautiful works by living artists in this and other countries, there is a most valuable collection of the sketches and paintings of Constable, David Roberts, Wilkie, and others. Amateur and commercial lace collectors have supported that department *con amore*, and the display of lace and lace embroidery is both varied and abundant. As much cannot be said of the bookbinding and civil engineering departments; these can hardly be regarded as creditable. We hope to report a closer examination of a few of the scientific inventions exhibited, which are not very numerous, and our report on the wines must be postponed until we can secure a representative who will undertake the duty thoroughly and conscientiously.



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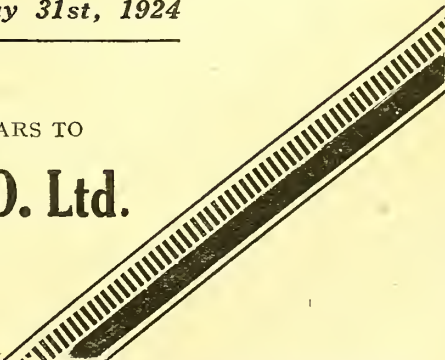
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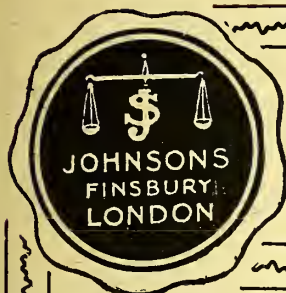
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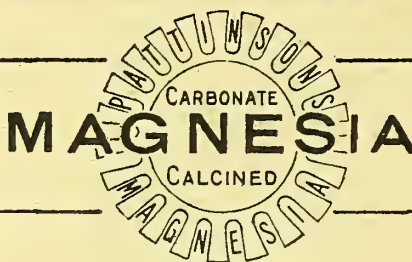
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ASK YOUR WHOLESALE FOR OUR LATEST HANDBILL.
IT WILL INTEREST YOU AND IT WILL INTEREST YOUR CUSTOMERS

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We have been demonstrating at the "Ideal Home" Exhibition with great success, and have created thousands of new users. See page 346, C. & D., 8/3/24.—"The demonstrations of the use of 'Peldo' are creating crowds."

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'PELDO' IS ORIGINAL. It is not a Substitution for Anything.

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Your Customers will ask for MOSMAN'S RHEUMATIC CURE

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Dear Sirs,
Please supply me with another 5s. size of your Rheumatic Cure. I am pleased to say that your treatment has done me so much good—I feel a new man. I have tried at least six other supposed cures but they did me no good. Previously I had been suffering for years, have attended hospital and also have seen at least six doctors, who did me no good. I am so delighted that I am recommending your treatment to everyone I see who is suffering from Rheumatism.

Yours faithfully,
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PURITY—'A.B.' Insulin is manufactured on a very large scale by a greatly improved process under ideal conditions. Based on very thorough and careful investigations, the method employed for making 'A.B.' Brand Insulin ensures the highest attainable degree of purity and freedom from toxic impurities. 'A.B.' Insulin is constant in its effects, does not give rise to inflammation at the site of injection nor produce other untoward symptoms.

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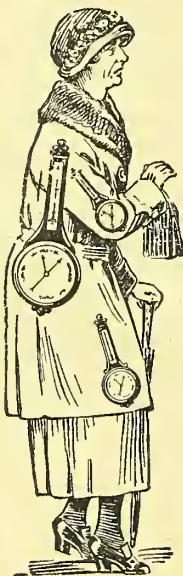
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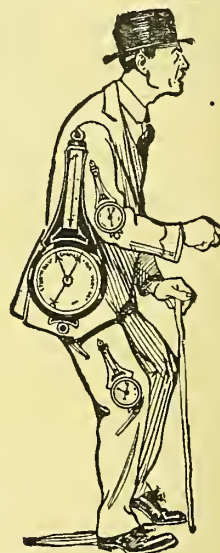
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NO less for the Chemist who is starting business than for the one of long-standing prosperity. Suttley and Silverlock is the house of good service.

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Skin and Blood Purifiers, etc.

Supplied in 1-gross lots.

4-oz., 6-oz., and 8-oz. sizes.

Name and address printed free on 2-gross orders.

SEND FOR LIST OF STOCK WORDINGS.

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**Corn Silk Envelopes,
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Attractive designs in stock or printed to order.

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Leaflets, Showcards, and Window Bills.

Designed to increase your Sales of Photographic sundries.

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THE BEST TOILET ROLL VALUE IN THE TRADE

No. 1 Thin (full 12 ounces).

1 gross 65/-
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Carriage paid.

Two Showcards supplied free. Order now.

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"Suttlock" Toilet Packets.

Containing 500 sheets of Toilet Paper, in special carton with hanger.

3-dozen lots @ 6/- dozen.
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Glazed Wrapping Paper,
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1 ream ... 6/-
5 reams @ 5/- per ream.
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We pay Carriage on orders of 5 reams and over.



***The only Baby Food whose claim
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Humanised Trufood is made at the Creameries, Wrenbury, from the purest milk that comes from the rich pastures of the famous Cheshire dairy country. It contains soluble lactalbumen in the same colloidal condition and in the same quantity as in breast milk. It is standardised as regards its fat content, and the casein present corresponds to human milk and not to cows' milk. In short it is analogous in composition to breast milk, as the following analysis clearly shows :—

	<i>Breast Milk</i>	<i>Cows' Milk</i>	<i>Humanised Trufood</i>
Lactose	6.5	4.7	6.3
Fat	3.3	3.5	3.3
Casein	0.9	3.0	0.8
Lactalbumen	0.4	0.3	0.6
Salts	0.2	0.8	0.6
Water	88.7	87.7	88.4
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>

This result has been achieved by removing a part of the casein of full-cream Cheshire milk, so that, after the addition of suitable quantities of pure fresh cream and lactose, a milk powder of the above composition results.

*No other Infants' Food on the market is justified
in claiming this close analogy to human milk.*

You are certain to be asked for Trufood, and should order at least a minimum supply to meet enquiries.

If you are not yet stocking Trufood, please ask for sample and special trade offer.

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TRUFOOD LIMITED

The Creameries, Wrenbury, nr. Nantwich, Cheshire

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NESTLÉ'S MILO FOOD

is being largely
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With Fifty Years' Reputation

behind it, the regular
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*Trade prices from all
Wholesale Chemists or*

NESTLÉ'S

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*Statutory Rules and Orders,
1923. No. 1322.*

PUBLIC HEALTH, ENGLAND

Messrs. MILKAL, Ltd., advise the trade that on and after

MAY 1st, 1924,

all dried milks must be labelled in accordance with the above regulations.

**Retailers are warned against offering for sale
or displaying any tins or packets not so labelled.**

They are at the same time advised that

MILKAL
THE CLEAN MILK

&

KOOKAL

in their new packing comply in every respect with the new regulations.
Should any trader have on hand at May 1st any stock bearing the old labels
he should communicate with:—

Messrs. MILKAL, Ltd., 31, St. Petersburg Place,

Bayswater, London, W.2.,

stating number of tins, when arrangements will be made to exchange for newly
labelled stock.

MILKAL and KOOKAL are produced, packed and sold in England
by an English firm, employing English labour with English capital.

MILKAL LTD

Stocks are held at the following depots of Messrs. J. Lyons & Co., Ltd., where you can obtain
one or more tins at lowest trade terms.

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28 Aire Street - - : LEEDS	Lovaine Crescent, NEWCASTLE-ON-TYNE	4 Redcross Street - BRISTOL
West End Chambers, Commercial Road - - SOUTHAMPTON	68 Millicent Street - CARDIFF	
Lambert Place, Lambert St., SHEFFIELD	219 West George Street and Grafton Street - GLASGOW	19 Cromford Street, NOTTINGHAM

Produced and Packed in Devon (England) by MILKAL, LTD., London and Devonshire.

1923

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FINEST NORWEGIAN MEDICINAL QUALITY, B.P.

STEAM-REFINED. NON-CONGEALING. BRILLIANT. GOOD TASTE. EXCELLENT
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Another line rapidly growing in popularity:—

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With inscriptions in any desired tint; also Plain or Embossed.

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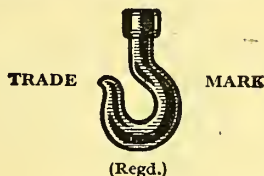
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As a beverage for universal consumption, you *will* recommend it *when you try it yourself*. Whether taken hot or cold, it is always delicious, always vitalising and stimulating.

Hooker's is also an entirely British product—British in origin, manufacture and proprietorship.

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Malted Milk

Write for prices and trade terms

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VIN-SANGUIS**
WINE FOR THE BLOOD

Fountain of Health

If you have a Wine License we will pay the fee.
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You agree to display "Vin Sanguis" always.
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You always keep stock.

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IN 8 OZ. BOTTLES AND 4 OZ. TINS.

Lemonade Powder IN PACKETS, CARTONS AND CANISTERS

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**Sells readily ALL
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Large Size **5/-**

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We invite applications for our

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The Original Health Salt of the World.

Summer-time sales are always high when Natural Health Salt is included in your displays. It is in great demand everywhere as a health-giving saline—for it is recognised and acknowledged to be the *only* Natural Way to Health.



Natural Health Salt is the pioneer of all health salt—first on the market, and first to be packed in tins. For your trade it is right in every way—Quality, Price and Profit.

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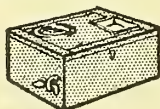
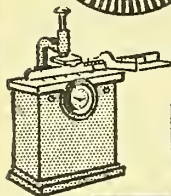
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Inset are three inexpensive machines which for general Time Control and for the closing up of Departmental Leakages represent the finest Business Proposition of Modern Times.

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Write TO-DAY for further particulars,

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THE ONLY WELL-KNOWN MARKING INK RIGIDLY PROTECTED AT FACE VALUE.

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Showing Retailers 30% on turnover on the 6d. size, and 33½% on the 1/- size.

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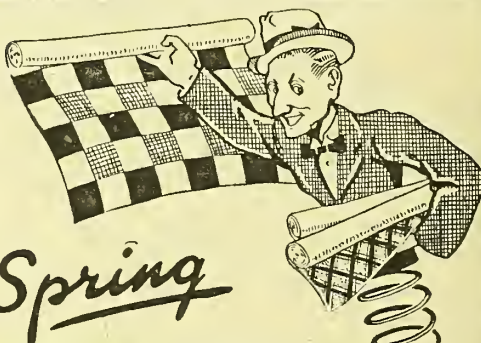
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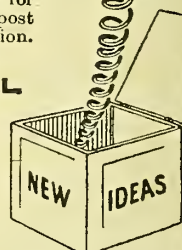
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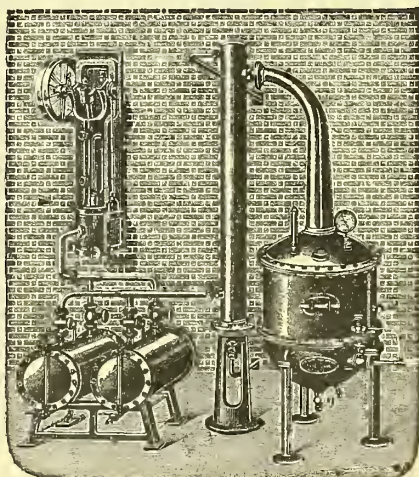


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For a small Central Window Display of not less than 14 days and an order for £5 worth of Phosferine we allow a bonus of 10/6; on a £2 10 0 order 5/3.

This shows a net profit on the transaction to the Chemist of 35%, besides attracting the passer-by to the window and considerably augmenting sales generally.

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The above conditions apply only to the United Kingdom.

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Less 10/6 for Window Show	... 10 6	
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Showing a Net Profit of £1 13 0 on an outlay of £4 11 6.

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1/3 size	...	12/- per doz. net.
3/- "	...	30/- " "
5/- "	...	48/6 " "
12/- "	...	114/- " "

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Telephone No.: CITY 8733. Telegraphic Address: "PHOSFERINE, CENT, LONDON."

IMPORTANT.—Every care is used in corking and packing Phosferine, but occasionally a leaky bottle will pass undetected. Any leaky or faulty bottle should be returned to Ashton & Parsons, Ltd., Ludgate Hill, London, E.C. 4, when a fresh supply will be sent and postage refunded.

Why it pays to push an Original —



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An original product is always preferred by the people who matter—they trust a name which is a household word and instinctively resent the mention of an imitation or substitute.

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There's nothing "just as good" as Horlick's—the original Malted Milk.

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In recommending Horlick's your advice is as good as the product.

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Gratified as the result of your recommendations, satisfied customers are your best assets—they gain confidence in you and come back.

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Horlick's always satisfies.

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The sale of Horlick's—the Original—is and always has been directed through Chemists, whilst substitutes and imitations are often exploited through other trades.

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Attractive advertising material for Window Display and Counter Distribution free and carriage paid on application to the Company.



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THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST.
LONDON E.C. 4

MAY 3, 1924

This Supplement is inserted in every copy of The Chemist & Druggist.

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Messrs. Orridge & Co., 56 Ludgate Hill, E.C.

Telephone No.: CITY 2283.

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1.—BANKS OF THE THAMES.—Old-established Business, Retail, Dispensing, and Photographic; returns about £2,000 per annum, which produce a net profit of £500; well-fitted shop, situate in main thoroughfare; large residence; property must also be purchased. Further details on application.

2.—LONDON, S.W.—General Retail and Dispensing Business; situate in growing district; returns, present rate, £16 weekly, with scope for increase; gross profit 40 per cent.; lock-up shop, well fitted and stocked; to effect a speedy transfer, vendor is willing to accept £450, less than the value of stock and fixtures.

3.—LONDON, N.W.—Cash Retail Business, medium class; returns about £2,000 per annum, at usual prices; large corner shop, fitted in mahogany, electric light; well stocked; new lease will be granted at a rental of £60 per ann.; no living accommodation; price £1,600.

4.—LONDON, N.—General Retail and N.H.I. Dispensing Business, offering scope for increase under personal supervision; returns, under management, £2,500 per ann.; the house is sub-let to more than cover the rent of the whole premises; valuation terms, or lump sum offer entertained.

5.—LONDON, S.E. (Main Thoroughfare).—For disposal, with vacant possession, lease of Shop and residence, with garden; rent £40, rising to £50; price £150 for fixtures, and £200 or lease; the position offers a good opening for a Chemist.

6.—NORTH LONDON.—Cash Retail Business, with N.H.I. dispensing; returns about £1,000 per annum at good prices; well fitted, double-fronted shop, fully stocked; rent £52 per annum; held on lease, price £700.

7.—CUMBERLAND.—General Retail and Prescribing Business, with Kodak Agency; returns between £1,000 and £1,100 per annum, at good prices; excellent sale for own proprietaries; large double-fronted shop, well stocked; rent and rates £29 per annum; nearest opposition 12 miles; population 3,500, with many villages around; price £550.

Messrs. O. & Co. desire to emphasize the necessity of a periodical statement of Account by which means alone Profit, the value of business, &c., can be determined. Involving as this does the hour of Stocktaking and Valuation, it is often omitted and eventually becomes confusion and loss.

8.—CORNISH COAST.—Mixed Business, with N.H.I. Dispensing and Kodak Agency, entirely unopposed; returns about £25 per week; net profit, 25 per cent.; double-fronted, lock-up shop, well fitted and stocked; store rooms; rent £40 per annum; rates, £13; held on lease; price £550.

9.—MIDLANDS.—Very old-established Business; returns approach £3,000 per annum, at good prices; large double-fronted shop, very well stocked; no living accommodation; moderate rental; offers invited.

10.—ESSEX (Nearest Coast).—General Retail, Dispensing, and Photographic Business; returns £32 weekly, increasing; good living accommodation, private entrance; garden; modern premises; held on lease; further details on application.

11.—NORTH OF ENGLAND.—Store Business, with Wine Licence, and excellent sale for one proprietary; returns about £7,000 per annum, at usual prices; corner position; large commodious premises; held on lease; intending investors with about £5,000 at command will find this a sound investment; banker's reference.

12.—CARDIFF.—General Cash Retail Business; returns, about £1,400 per annum; gross profit between 30 per cent. and 40 per cent.; single-fronted shop, newly fitted and well stocked lock-up pharmacy, with one room over; held on lease; price £800.

13.—MIDLANDS.—Mixed Business, with Kodak Agency and Wine Licence; returns, last year, £1,466, under management; full prices are obtained; small single-fronted shop; rent £55; rated on £16; 21 years' lease, with option of purchase; price £650.

14.—SOUTH WALES.—Mixed Business, with Kodak Agency; established 30 years; returns, £33 weekly; lock-up shop, with Optical room and room used for Photographic purposes; stock not less than £800; price £1,340, or man with view to succession would be considered, £500 down forthwith.

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Messrs. O. & Co. are prepared to undertake these essential duties and make Special Terms for such services

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All persons having any Claims or Demands against the Estate of the above-named deceased are hereby required to furnish particulars thereof to the undersigned.

Dated this 23rd day of April, 1924.

W. E. O'BRIEN,
Solicitor,

24, Lower Ormond Quay, Dublin.

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HOWCASE for Sale; may be seen Piesse & Lubin Stand, A.42, British Industries Fair.

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HARROW.—Splendid opening for good Cash Chemist; fine modern shops, 18 ft. x 40 ft., with flat over; rent £195; no premium; busy market. Clarke & Co., The Harrow Estate Offices.

FOR Sale, a corner block of Freehold Property, comprising Chemist's Shop, with Wine and Spirit licence; offices over; two basements; spacious warehouse; centrally situated in Yorkshire town. 44/406, Office of this Paper.

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HULL.—Important Shop Premises, in best position main street, to Let on Lease; splendid opening for Chemist's and fancy shop. Write "S," 40 Windsor House, Victoria Street, London, S.W.1.

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1.—LONDON, N.—Good-class Suburban Business; established 30 years; returns, £1,000 p.a.; scope for great improvement; premises consist of lock-up shop, well-fitted pharmacy; price £550. (112)

2.—POPULOUS SUBURB.—Retail Dispensing Business; returns average £30 p.w.; convenient lock-up premises, held on lease 14 years, at rental of £110; good scope for business under personal supervision. (114)

3.—RIPON, YORKS.—Established 1720; in present hands 18 years; Family Retail and Dispensing Business; returns, £1,500; could be considerably increased; premises consist of 2 shops, one let off on lease £60 p.a.; warehouse and good dwelling accommodation, with vacant possession. Purchaser can acquire property, and £1,000 can remain on mortgage at 5 per cent. Fullset information supplied, and reasonable offer accepted for quick sale. (99)

4.—YORKS.—Sound Cash Business; turnover, £900 per annum; N.H.I. and Prescribing; living accommodation if required; very low rental; excellent opportunity for beginner, as there is undoubted scope for increasing trade; price £500. (95)

5.—YORKS.—Small Family Dispensing and Photographic Business; recently established; returns average £14 p.w.; premises, which are held on weekly tenancy, consist of lock-up shop, with cellar. (113)

6.—NORTHANTS.—Old-established Family and Dispensing Business, in country town in agricultural district; returns average £1,900 p.a.; rent, £65, exclusive; 3 years' lease, but opportunity to purchase property, which includes splendid dwelling house with good garden. Fullset particulars on application. (119)

7.—DURHAM.—Dispensing Chemists; mining and shipbuilding town; established 50 years; returns now £19 p.w., could be doubled; low rental; possession of good house; good, sound business; price for quick sale, £385. (100)

8.—SALOP.—Chemist's and General Stores (intercommunicating), in mining village; growing district; unopposed; returns, £1,250 in all; 6 years' lease; rent, £35 p.a.; Kodak, Ucal, etc.; price £800, or offer; living accommodation available Garden Village near by. (120)

9.—LIVERPOOL.—Old-established Family Retail and Dispensing Business; returns, £36 p.w., excluding N.H.I.; premises consist of lock-up shop and basement; held on lease for 10 years, at £65 p.a., inclusive; reason for disposal, proprietor entering Medical Profession. (105)

10.—CUMBERLAND.—Nicely-fitted and well-stocked Pharmacy; returns, £20 p.w., scope for increase; large double windows and Dispensary; price £550, all at. (103)

11.—BOURNEMOUTH.—Old-established Retail Dispensing Business. In present hands 30 years; returns, £1,669; premises consist of well-fitted shop in mahogany, stock room and dwelling accommodation, consisting of 5 rooms on 1st floor, 3 on 2nd floor, 2 cellars, long garden, and entrance for goods; lease, first 7 years £200, second 7 years £225; price £750; stock and fixtures at valuation. (93)

12.—LONDON, N.W.1.—Old-established Cash Business, with N.H.I., in working-class district; returns, £32 p.w.; rent £84, let off £49; well fitted; £750, or offer. (116)

13.—SOUTH COAST TOWN.—Essence and Chemical Business for disposal; average turnover during last three years, £5,500; proprietors of several well-known lines; convenient premises held on agreement at a rental of £120 p.a.; great scope for development. (111)

14.—MONMOUTH.—Old-established Business in market town; returns, £35 p.w.; rent, £50; rates, £34; 7 years' lease run, renewable; well stocked and fitted; Kodak and Optics; N.H.I.; price £1,250. (118)

15.—MIDLANDS.—Cash Business; recently established; rent £19 p.a.; returns, £30; lease obtainable; good stock; lock-up shop; price £950. (117)

16.—PROPRIETARY ARTICLE.—Well-known, useful line, suitable for mail order business. Proprietors would accept reasonable sum for quick sale. Fullset particulars on application. (115)

17.—LONDON, E.C.—Small Wholesale and Manufacturing Business; manufacturers of Cleansers; convenient factory premises held on lease; good scope with necessary capital for advertising and development. (96)

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1.—MIDDLESEX (Thames Valley).—High-class suburban Business, in fine position; returns, over £2,000; net profit, £600; splendid opening for Optics; handsomely fitted pharmacy, with large residence attached; same hands many years; plenty of scope in smart hands; price, including freehold, £3,400.

2.—SOUTHSEA (Near).—Light Cash Retail, with Kodak Agency; returns average £2,000; modern fitted pharmacy, and well stocked; very low rent; price about £1,250.

3.—NORFOLK.—Unopposed Village Business, returning £1,000; scope for increase; good house and shop; nearest opposition, 6 miles; price, including freehold, £1,000; part could remain.

4.—SURREY (Banks of Thames).—Light suburban Retail, in growing district; no near opposition; opening for N.H.I. and Photo; good house and well-fitted corner shop; rent, £40; on lease; price £450.

5.—LONDON, E.—Sound Cash Retail, with Kodak Agency, in busy main road; returns, £2,000; no N.H.I.; scope for increase; very low rent; valuable lease; price £1,050; only cash buyers entertained.

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We have a few vacant dates during May and June and invite early applications. Terms sent on application.

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WANTED, good General Light Retail; returns, about £2,000; South.

UNOPPOSED County Retail; with garden preferred; cash about £800.

YORKS. (or Near).—Open to buy any really profitable concern; cash £2,500.

Number of Buyers with cash ready in most districts.

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BLACKPOOL.—Excellent Chemist's Business, splendid position, with good living accommodation; nicely fitted; well stocked; doing large turnover, and capable of great expansion; price, £3,300, includes freehold property (vendor's own). Also choice of several sound concerns, Lancashire and Cheshire; price £400 to £900. Brierley, Chemists' Valuer, 135 Queen Street, Newton Heath, Manchester.

GRIMSBY.—Old-established Cash Retail Chemist's Business, splendid position, main road; magnificent modern mahogany fittings; exceptionally well stocked; a sound business, with scope for Optics and Photography; modern house attached, conservatory and garage; owner ordered South; suitable lease granted; principals only; bankers' reference exchanged; price complete £2,750. 194/24, Office of this Paper.

HASTINGS (WEST HILL).—Freehold Premises; s.f. shop (mahogany fittings); Chemist's and Druggist's Business for over 40 years; present owner retiring through age; house comprises seven rooms, large basement; opening for Mineral Water Manufacturer; offers invited for property and business. Particulars to *bond-fide* applicants, enclosing stamp. Tully, Elmwood Lodge, Sutton, Surrey.

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NORTH CHINA (healthy Seaport Town).—Old-established Chemist's Business for disposal; owner retiring; returns about £5,000 per annum; net profits, a third; large and convenient premises, in fine position; price £1,000 goodwill, and valuation of stock and fixtures, in all about £3,500 to £4,000. Apply, Berdoo & Fish, Chemists' Valuers, 41 Argyle Square, King's Cross, W.C.1.

OLDHAM.—Old-established Chemist's Business, lock-up, with full Wine Licence; splendid stand; corner premises; thickly populated district; well fitted and stocked; returns average £1,400 yearly; price £1,100, about. Also similar concern (Bury, Lancs.); price, £1,200, about, includes freehold property (vendor's own). Brierley, Chemists' Valuer, 135 Queen Street, Newton Heath, Manchester.

SHEFFIELD.—Recently-established Pharmacy in thickly-populated working-class district; £15 to £16 weekly, plus N.H.I. and Prescribing at present, but will double in 12 months with attention; living accommodation good; no near opposition; overhead expenses under £1 weekly; no reasonable offer refused, as owner must vacate for health reasons. 201/28, Office of this Paper.

SOUTH COAST.—Popular seaside town; mild climate; unusually fine Pharmacy; modern design and beauty; position unique; next to Post Office; vast residential neighbourhood; near cliffs; every essential offering unlimited scope; Kodak Agency; security against opposition given in this important part for 21 years; garage, garden, excellent living accommodation; £2,500. 198/40, Office of this Paper.

SOUTH COAST.—Old-established Cash Retail Pharmacy of 60 years' standing, present owner 14 years; takings £2,000 per annum; rent £50 per annum; lease 19 years to run; large shop, with one large window and one small side window; 2 minutes from main railway station in busy artery of large town; living accommodation; price £1,600; for stock about £650; goodwill, fixtures and fittings, with long lease; only cash buyers need apply to owner; cause of sale ill-health and retiring. 198/33, Office of this Paper.

**SOUTH OF ENGLAND (BOURNEMOUTH DISTRICT).
DEATH VACANCY.**

TWO high-class Businesses and Premises for Disposal on reasonable terms to quick purchaser; may be purchased together or separately; capital required about £8,500, part of which could be left on mortgage. Apply Dickinson, Yeatman & Manser, Solicitors, Poole.

SOUTH WALES.—Mixed Business for disposal; turnover £4,000 to £5,000; good opening for Photography and Optics; industrial area; ample storage accommodation; house, garage; moderate stock, fresh and clean; reasonable cash offer for property, goodwill, etc.; stock and fittings at valuation, or lump sum offer will be entertained; suit partners. 199/3, Office of this Paper.

YORKSHIRE (important town).—Drug Store, returning £20 weekly; exceptional opening for qualified; good living accommodation, with bath, garden, etc.; price, £1,100, includes property, freehold (vendor's own). Also good Lock-up, Sunderland (near), showing net profit £325 yearly, auditor's figures; price £450. Brierley, Chemists' Valuer, 135 Queen Street, Newton Heath, Manchester.

CHEMIST'S Business and Premises for Sale at valuation in populous mining district owing to prolonged illness; takings until breakdown between £20 and £30 per week; energetic man resident should soon make it up again. 194/30, Office of this Paper.

CHEMIST'S Business for Sale, country town; vast opportunity of extending in direction of Agricultural requirements, Artificial Manures, etc.; commodious premises, of which £135 is let off on leases; price (freehold and business) £6,000; would suit two active men or as a company shop branch. 195/3, Office of this Paper.

DRUG Stores for Sale; stock, fixture at valuation; about £650, quick sale. 65 Rochdale Road, Bury.

FAMILY Chemist and Mixed Business in Derby, old established, showing excellent profits; ingoing about £1,200. For particulars, apply Messrs. Harrison & Sedgwick, 36 St. Mary's Gate, Derby.

GENUINE unopposed Chemist's Business, with Wine Licence, for sale, industrial district; small flat, garage, tennis court, and garden; 7 years' lease; taking £20 per week, plus 1,000 N.H.I. scripts per month; easily worked, low overhead expenses, good profits; owner leaving district. Further particulars on application. 202/3, Office of this Paper.

TAKINGS £80 weekly, increasing every month; net profit well over 25%; West-End Business; wonderful lease; rent less than a third of opposition; exceedingly busy spot; no living accommodation; profitable Photographic connection; good organiser could turnover £10,000 per annum with the right staff; cash only; £3,600. P.C.B. 64/12, Office of this Paper.

AGENCIES.

IRELAND.—Firm having Showrooms, Offices and Warehouses, both in Northern Ireland and the Irish Free State, and possessing first-class connection amongst Chemists (Wholesale and Retail), desire to hear from Manufacturing Chemists requiring Agents. The whole of Ireland worked regularly by experienced Travelling Salesmen. Preference given to Advertised Proprietaries. Please communicate with 200/34, Office of this Paper.

JAPAN.—Tokyo Trading Co. (Goshi Kaisha), Tokyo, have special facilities for placing proprietary articles on the Japanese market. Manufacturers who are prepared to grant Sole Agencies should communicate with London Office, 7 Wormwood Street, E.C.2.

MIDLANDS.—A firm of Manufacturing Chemists require an Agent, with experienced Travellers, calling upon Chemists and Hairdressers; liberal commission. State references, etc., in first instance, to "B.Ltd.," c/o Willings, Box 259, 25 Gloucester Place, Brighton.

SWISS firm manufacturing reliable Pharmaceutical Preparations under Government concession, require one or two wholesale houses to act as their distributors for Great Britain. Applicants must be houses of standing, with a sales organisation covering the whole of the country. Apply, "O.F.," 856 St. c/o Orell, Füssli-Annoncen, St. Gallen, Switzerland.

PARTNERSHIP.

BRITISH COLONY.—An active Partner is required to take up half-share in a sound, old-established Chemist's Business in a progressive and healthy Colony; must be able to take over full control; good salary and half-share of net profits; price for half-share, £4,500. Apply, Berdoo & Fish, Valuers, 41 Argyle Square, King's Cross, W.C.1.

MANAGER, with view to Partnership or succession; willing to work; 35 years; married; sober habits; small capital available. 203/32, Office of this Paper.

FINANCIAL.

TO Wholesale Druggists, Manufacturing Chemists, etc., in Birmingham and district. Young ex-University man (31), experienced in the wholesale trade, and possessing technical qualification, wishes to join a firm in the above or allied trades. A certain amount of business could be introduced; capital available, £2,000 or more; social and other references. 202/12, Office of this Paper.

BUSINESSES WANTED.

ADVERTISER would like to get in touch with Chemist wishing to dispose of his Business; turnover about £30 per week; in pleasant neighbourhood; with or without living accommodation; would consider management with view succession or Partnership. 194/17, Office of this Paper.

A GOOD-CLASS Modern Pharmacy with Photographics, or scope for same; popular seaside resort preferred, but not essential if district good. Full particulars, in confidence, turnover, rent, rates, lease, etc., to "Pharmacy," 77 Gravelly Lane, Erdington, Birmingham.

A PHARMACIST, with capital available, desires to Purchase a good-class Dispensing and Retail Business, with house attached, in West or N.W. district of London; must hear investigation and reasonable profits; early possession an advantage. 201/20, Office of this Paper.

BUSINESS wanted, takings about £5,000 a year or over; must bear strict investigation; living accommodation over business or house available; cash ready; Home Counties for preference, but not essential. Apply "Chemist," Fairlie, Woodcote Park Avenue, Purley, Surrey.

BUSINESS wanted in Midlands or South or West of England; light Retail and Dispensing, preferably Photo; £750 cash ready. 198/22, Office of this Paper.

BUSINESS wanted in the North or North Midlands; returns between £1,000 and £1,500; one with Kodak Agency preferred. Full particulars, in confidence, to J. H. Muschamp, 4 Cadden Street, Albert Avenue, Hull, Yorks.

BUSINESS wanted, with house attached, good class, in S.W. district, Surrey or seaside; £200 down and balance by arrangement. Particulars, in confidence, 201/21, Office of this Paper.

GOOD-CLASS Country Business, within 40 miles of London; returns about £1,500 to £1,800; cash transaction; preliminary details, in confidence, to 200/37, Office of this Paper.

GOOD-CLASS, with Dispensing; turnover from £3,000 to £4,000; South, South-East or Midland Counties; for cash buyer. 202/18, Office of this Paper.

PHARMACIST requires immediately good-class Dispensing and Retail Pharmacy or Drug Stores, London or near, lock-up shop for preference, showing net profit £450-£600. Please give particulars of turnover for last three years, lease, etc. All information supplied will be treated in strictest confidence. "G. M.," 200/28, Office of this Paper.

SOUND Business wanted for cash, within 50 or 60 miles of Nuneaton; state living accommodation in detail; returns from £2,000 to £3,000; town or country; would entertain partnership with a definite succession date. Write in confidence to J. H. Cooper, 17 Marlborough Road, Nuneaton.

WANTED, in London, North or N.W. district, Chemist's Business, with premises suitable for putting up Specialities; house with room for motor. Apply 43/401, Office of this Paper.

HOLIDAY APARTMENTS.

CHEMIST in Fen district offers Accommodation at reasonable charges to chemist and wife requiring quiet country holiday; garden and garage; tennis, boating, and fishing available. 202/40, Office of this Paper.

SITUATIONS OPEN.

[HOME.]

RETAIL.

ACTON, W.3.—Required shortly a qualified Assistant, 25 to 30 years, for General Retail, N.H.I. and Photography; capable of managing small staff. Apply, stating age, experience, and salary required, to A. E. Leng, 58 St. James's Street, Brighton.

BIRMINGHAM DISTRICT.—Wanted, at once, qualified, experienced, and responsible Temporary Manager; may be permanent to really capable man; Kodaks handled. Give references (not testimonials) and other particulars to Thomas, 2 King Georges Avenue, Little Heath, Coventry.

BIRMINGHAM.—Assistant, unqualified, competent Dispenser; knowledge of Photography essential; wanted May 19. Full particulars, first letter, Ingram, Chemist, 3 Gravelly Hill, Birmingham.

BIRMINGHAM.—Qualified Assistant, about June, for first-class new branch; permanency; progressive; goodwill and happiness first consideration. Linells, Cash Chemists, Balsall Heath.

BOLTON.—Assistant, unqualified, required immediately; good Dispenser Stock-keeper, Salesman; permanency; no Sunday duties. State age, height, experience, copy references, photo and salary required, first letter. Charles Crane, Ltd., 235 and 237 St. Helens Road, Bolton.

BRIGHTON.—Wanted a good unqualified Assistant (male) age about 30, for good-class Dispensing business. Apply with full particulars, salary required, etc., to Watts & Co., 43 Dyke Road, Brighton.

BRIGHTON, S.W.—Smart unqualified Assistant, 30; good Counterman, accurate Dispenser, knowledge of Photography; neat worker; undeniable references. Apply, after May 10, to Rees, The Chemists, Loughborough Junction, S.W.9.

CARDIFF.—Wanted, qualified Assistant for Dispensing and Photographic business. State age, experience, and salary required. Jesse Mason, Chemist, 219 City Road, Cardiff.

CITY.—Qualified Manager for City business required; must have had excellent Counter and Dispensing experience. 198/18, Office of this Paper.

CITY.—Smart gentlemanly Junior wanted, age 19-21, good-class City business; must be good Counterman and Dispenser; easy hours; no Sunday or Bank Holiday duty. Apply Cassie & Co., Ltd., 103 Newgate Street, E.C.1.

COLWYN BAY.—On or about June 1 until October, unqualified Assistant, not older than 25, with a knowledge of Photographic work and Salesmanship; state age, experience, salary required, etc.; no Sunday duty. Llewelyn Jones, Chemist, Colwyn Bay.

DEVON.—Lady Dispenser required for middle-class business; must be competent and thoroughly trustworthy. Apply, stating salary required and enclosing photograph, 200/36, Office of this Paper.

DEVON COAST.—Wanted, at once, an Assistant (male) who will be up in Dispensing and Photography. State full particulars, salary, age, and enclose photo. "Manager," 1 Orchard Gardens, Teignmouth.

EASTBOURNE.—Wanted, reliable Assistant, good Window-dresser, with knowledge Photography and Optics preferred. Stovin, Chemist.

GUY'S HOSPITAL, S.E.1.—A Dispenser will shortly be required for the holiday period of 18 weeks; Pharmaceutical Society's qualifications; salary at the rate of £180 per annum. Apply by letter to the Pharmacist.

LEEDS.—Junior Assistant required at once, lady or gentleman, for good-class business; must be accurate Dispenser. Apply, stating age, experience, salary required and when disengaged, to M. E. Murray, 221 Woodhouse Lane, Leeds.

LEICESTER.—Superior unqualified Assistant; outdoors; quick and competent; accustomed to high-class trade and Photography; 25-30 years; no Sunday service; close 1 o'clock Thursdays. Apply, giving last two appointments, returnable photograph, salary, etc., Young, Chemist, Leicester.

LIVERPOOL.—Competent and qualified Junior Assistant wanted; outdoors; good Dispensing experience; several Assistants kept. Apply, giving full particulars and enclosing carte if possible, to "A. C. A.," c/o Clay & Abraham, Ltd., 87 Bold Street, Liverpool.

LONDON.—Qualified Assistant required; permanent and progressive post; would well suit young single man recently qualified. 198/180, Office of this Paper.

LONDON.—Unqualified Junior for a working-class business; progressive permanency for steady young man anxious to get on. 198/181, Office of this Paper.

LONDON, S.W.—Assistant, unqualified, smart, for Counter trade; age 20-22; good reference; state salary. P.C.B. 64/10, Office of this Paper.

LONDON, S.W.—Smart unqualified male Assistant required for the Dispensing Counter; good experience essential, state usual particulars and salary; one seeking a permanency preferred. C. R. Toyne, Ltd., 300 Upper Richmond Road, Putney.

LONDON, S.W.—Assistant, unqualified, wanted immediately; smart, up-to-date; good Window-dresser, Dispensing, Photography essential (D. & P.). Salary and references to Manager, Southfield Drug Stores, 18 Replingham Road, Southfields, S.W.18.

LONDON, W.—Qualified (male) Assistant (outdoors) required for good-class Dispensing and Retail Business; must be experienced and capable of taking charge. Apply by letter only, giving full particulars as to age, experience and salary, etc., required, to G. W. Gray, 194 Holland Park Avenue, Kensington, W.11.

LONDON, W.—Gentlemanly Assistant required for high-class business; must be a good Counterman; knowledge of French an advantage. Full particulars of experience and salary expected to 201/34, Office of this Paper.

MANCHESTER.—Wanted at once, Junior Assistant for Dispensing Business. Apply, giving previous experience, salary required, etc., to Exors. J. Price, Chemist, 225 Gt. Cheetham Street, Higher Broughton, Manchester.

MIDLANDS.—Qualified Assistant, male, not over 30, for quick Cash trade; must be quick and accurate Dispenser and good Window-dresser. Write, stating when disengaged, salary required, height, and photo, if possible, to 201/36, Office of this Paper.

NEWPORT, MON.—Capable Photographic Assistant required for first-class business; state age, experience and salary required. "Photo," 198/17, Office of this Paper.

PLYMOUTH.—Balkwill & Co. have vacancy for Qualified Assistant; must be thoroughly capable and used to good-class business; state age, salary (outdoors) and experience.

SHEFFIELD.—Temporary Assistant; one just out of apprenticeship will suit. Please state age, height, experience and salary required in first letter. 201/30, Office of this Paper.

SOUTH COAST.—Junior wanted (male) for May 26, with Dispensing experience and some knowledge of Photography; outdoor permanency; please give references and particulars in first letter to 199/10, Office of this Paper; applications not answered in four days declined with thanks.

STAFFORD.—Smart Junior, with good-class, all-round experience; must have good appearance and address. State age, height, experience and salary required. J. & H. A. Averill, Chemists, Stafford.

UNIVERSITY COLLEGE HOSPITAL, Gower Street, W.C.1.—Wanted, part-time Assistant Dispenser holding Pharmaceutical Society's qualification; hours 5 to 9 p.m. four days a week, Saturdays 2 to 9 p.m.; salary £100 per annum. Apply to C. H. Hampshire, Pharmacist.

WORKS.—Qualified Manager required for light retail and dispensing (N.H.I.) business situate not far from the centre of a busy manufacturing town. Give fullest particulars in first letter, 198/170, Office of this Paper.

A QUALIFIED man (aged 25-30) required for City Pharmacy; must be tall, quick, energetic, and experienced in dispensing and Counter, including Photographic, also good Window Dresser; excellent prospects for ambitious man. Write, stating age, experience, height, salary, sending photograph, to 198/35, Office of this Paper.

ASSISTANT required for up-to-date Store business; reliable Dispenser and Counterman. Apply, stating age, height, experience, and salary required, to Taylors' (Northern) Ltd., Crown Street, Halifax.

ASSISTANT, Unqualified, outdoors, competent Dispenser, good Salesman and Window Dresser, with a thorough knowledge of the Photographic trade; age 25-30; permanency. Full particulars, with photograph if possible in first letter, please, North, Chemist, Northampton.

ASSISTANT, unqualified, for good-class main business, light Retail; knowledge of Photography, Window-dressing; must be reliable. Give full particulars, photo, salary required, to W. R., Ltd., 9 The Walk, Rochdale.

AT once; an Assistant, age about 28, for good-class Retail Dispensing and Photographic Business. Full particulars of age, height, experience and salary required, and photograph (to be returned) to Wilson Hill, Pharmacist, Westgate-on-Sea, Kent.

CAPABLE Junior (male) wanted for quick Retail and N.H.I. Dispensing business. Apply by letter, stating age, experience and salary required, to A. P. Barnard & Son, 309 Hackney Road, E.2.

CAPABLE Assistant required for middle-class business, qualified preferred, mainly for Dispensing; age 25 to 30; good appearance; knowledge of Photography an advantage. Full particulars re experience, height, salary required, with photograph, to Luxton, Chemist, St. Thomas, Exeter.

COMPETENT Assistant at once; permanency; good-class trade with Photographics (essential). State age, height, salary, with references and photo (returnable) in first letter. 202/13, Office of this Paper.

JUNIOR; one just finished apprenticeship preferred. Full particulars: first letter, please. T. C. Cornwell, Hanley, Staffs.

JUNIOR Assistant wanted, accustomed to brisk Counter trade and Window-dressing. Apply, with full particulars, to Wm. Cox & Sons, Ltd., 109, 111, 113 Bethnal Green Road, London, E.2. (Ten minutes from Liverpool Street Station.)

ADY Dispenser required, Hall certificate, for W. and S.W. district; good experience essential. Apply, with full details, 44/413, Office of this Paper.

MESSRS. HOLMAN, HAM & CO., LTD., Exeter, are requiring immediately a young qualified Assistant (unmarried) for relief work, probably through the summer. Apply, with fullest particulars in first letter, St. Anne's Pharmacy, Sidwell Street, Exeter.

NEWTON & CO., Yeovil, require a Qualified Manager with Optical Qualification from May to end of September; two assistants kept. Full particulars in first letter to 39 Hendford Hill, Yeovil.

ONE Assistant and two Improvers required. Apply 3, Ridgmount Street, Tottenham Court Road, W.C.1.

PERMANENCY.—Qualified young married man (outdoors) for Dispensing and usual Retail business (S.W.); N.H.I.; must be up to date in prices, methods, etc.; Photographics. Reply, by letter only, stating age, experience, references, salary, etc., to 203/18, Office of this Paper.

PHARMACIST-OPTICIAN (S.M.C. or B.O.A.) as Branch Manager; must be expert Optician, good Salesman, and able to control staff. Give full particulars in first application experience, references, age, height (photo desired), salary required to 194/32, Office of this Paper.

PHOTOGRAPHIC, Developing and Printing for Amateurs; Tank Developing, Velox Printing; previous experience necessary; depot West End. State experience and salary required by letter, Chemist, 182 Ealing Road, Wembley.

QUALIFIED Assistant wanted, outdoor, for Front Counter; busy working-class trade; no Sunday work; hours 8.30 to 8, Saturday 9, Wednesday 1. State height, salary asked, photo, references, when disengaged. "Cardiff," 202/1, Office of this Paper.

QUALIFIED Assistant required as No. 1 Dispenser; good Dispensing experience essential. Reply, with photograph, stating age, experience, and salary required, to Hunt & Co., 45 High Street, Winchester.

QUALIFIED Assistant (Welsh-speaking Welshman preferred); accustomed to good-class Dispensing and Retail, with Photography; must write a good hand. State full particulars age, experience, salary required (outdoor); photograph, returnable. E. Lloyd, Pharmacist, Colwyn Bay, N. Wales.

QUALIFIED Assistant; age 27-30; must be a good Counter-man and Window-dresser and have good references. Please state all particulars with first letter, and enclose photo. Lester, Chemist, Canterbury.

QUALIFIED Junior required for six weeks, commencing May 26. Full particulars, by letter, to Timmis & Ingham, Ltd., 102 High Road, Ilford.

QUALIFIED Manager (male) for branch shop in Midlands; Light Retail, brisk N.H.I. Dispensing. Apply, with full particulars, 202/28, Office of this Paper.

SMART Assistant required, Qualified or Unqualified; must be a good Dispenser and have thorough knowledge of Kodak Photography, but not required to do developing and printing work. State age, experience, salary required, and when disengaged; good references essential. Russell, Station Road, Leichworth.

THOMPSON & CAPPER, LTD., require an Assistant for their Huddersfield branch; applicants should have a knowledge of Cameras and Photographic Accessories. Please state salary required and enclose photograph to Thompson & Capper, Ltd., Manesty Buildings, College Lane, Liverpool.

TWO Assistants wanted, qualified, male, outdoors, permanency, chiefly for Dispensing; must be strictly honest, not afraid of work, temperate, and with good Dispensing experience; outdoors. Also unqualified lady for season. Kindly send full particulars, stating salary required and enclosing photograph, to Kirkman, Chemist, New Milton, Hants.

UNQUALIFIED Assistant to manage good-class business, chiefly Photographic and Patents. State wages, experience, age, references, etc., to Mrs. Volans, 148 Toller Lane, Bradford.

URGENTLY required, an up-to-date unqualified Assistant, age about 30, for a Pharmacy in S.W. London; must be of gentlemanly appearance and accustomed to London trade. Apply, with the usual particulars as to salary, etc., to 202/4, Office of this Paper.

WANTED, smart, competent, unqualified Assistant; keen Salesman and Window-dresser; practical knowledge of Photographics; energetic; age 30 to 40. State salary and enclose photo and references to 45/397, Office of this Paper.

WANTED, early in June, an unqualified Junior Assistant with knowledge of Photography; one used to country business preferred and a good worker; outdoor; no Sunday duty. Apply Pugh, Rexall Pharmacy, 16 Broad Street, Welshpool.

WANTED, an Assistant (male, outdoors) in good-class Retail Photo and Dispensing business; good Gaslight Printer essential. Apply, giving full particulars as to age, salary, etc., to Sewell, Chemist, Huntingdon.

WANTED, at once, elderly qualified Assistant. Write, stating age, salary required, etc., to Tucker, Chemist, Dartford.

WANTED at once, qualified Lady Assistant; N.H.I., Photographic and General Retail; colliery village; permanency. Full particulars to Horn, Chemist, Goldthorpe, nr. Rotherham.

WANTED, a young lady as Book-keeper and Secretary, with knowledge of shorthand and typewriting. Apply, with full particulars salary required and copies of testimonials, to C. Bayley, Chemist, Uppingham.

WANTED, for S.E. district, Junior Assistant; N.H.I., Dispensing and quick Counter work; knowledge of Photography; personal interview preferred. Apply Briggs, Cash Chemists, Ltd., 126 Hoe Street, Walthamstow, E.17.

WANTED, two young, qualified men, age about 25, to train for managerial positions; if keen and anxious to get on will be given a thorough grasp of business methods and ideas; only those who are prepared to put business first need apply; salary to commence £5 per week and commission. Apply 44/411, Office of this Paper.

WANTED, two capable Assistants; must be good Salesmen and Window-dressers and have knowledge of Photography; men who have good prospects of shortly qualifying would afterwards have an opportunity of taking on lucrative positions as managers. Apply 44/412, Office of this Paper.

WANTED at once, smart Assistant, unqualified, good Dispenser, quick at counter and good Window-dresser. State age, experience, references and salary required; enclose photo, which will be returned. Spracketts, Chemists, Tramways Centre, Bristol.

YOUNG Man required as Assistant in Drug Department; some experience necessary; no dispensing. Burgess & Colbourne, Ltd., Bedford Stores, Leamington Spa.

YOUNG, energetic Manager required for a neglected branch in south-east subnrb. Apply 44/408, Office of this Paper.

WHOLESALE.

BRANCH Manager required by Druggists' Sundries and Patent Medicine Firm; experience of Drugs also desirable. Write, giving full particulars, to P.C.B., 64/11, Office of this Paper.

FIRST-CLASS Salesman required for Midlands territory (also one for Ireland) by up-to-date firm manufacturing Medicated Tablets (packed and bulk), Health Salines, Pills, Medicated Soap, Bath Salts, etc.; exceptionally liberal commission terms offered, and big money can be earned by the right man. Apply at once, giving references, to 44/403, Office of this Paper.

FOREWOMAN, experienced, required for Drugs, Sundries, Perfumes; must be good organiser and strict disciplinarian; able to introduce and carry out new ideas. Apply to 44/414, Office of this Paper.

INVOICE Clerk; extremely good opportunity for enthusiastic young man, well trained, accustomed to Doctors' business; permanent, progressive position. Apply, own hand-writing, Director, Philip Harris & Co., Pharmacists, Birmingham.

MILKAL, LTD., require a Representative to call on Chemists in London and Home Counties. Applications to be addressed, in confidence, to the Manager, Milkal, Ltd., 31 St. Petersburg Place, W.2.

PHARMACIST wanted by Manufacturing Chemists near London, young qualified man, for a position in their works office; must be well educated, accurate, and methodical. Apply, with full particulars as to experience, salary expected, etc., to 44/404, Office of this Paper.

PHARMACIST—Old-established London firm of Chemical Manufacturers have a vacancy for a young, well-educated Pharmacist; the position calls for good business training and ability, and some experience of commercial correspondence; previous Wholesale experience not essential; permanent scope for suitable candidate; applications cannot be considered unless accompanied by full particulars of age, previous experience, salary required, etc. 44/410, Office of this Paper.

POSITION open in Sales Department, Chemical Manufacturers, for man with good character and fundamental education; Public School education preferred; must be capable handling sales correspondence in business-like way; previous experience Chemicals not indispensable. Apply, stating age, experience, references, 42/352, Office of this Paper.

REPRESENTATIVE required for S. and S.E. Coast by progressive London Manufacturing Chemists; salary and expenses. Full particulars with first letter. Also Representatives for West of England, as well as Scotland. 197/5, Office of this Paper.

REPRESENTATIVE wanted to carry Chemists' and Hairdressers' Sundries; territory, South Midlands and the Potteries; connection already established. Apply, stating age, experience, salary required, giving usual particulars, to the Midland Wholesale, 2 Regent Place, Leamington Spa.

REQUIRED, an Assistant with Anatomical Medical knowledge for the application of a patent for the reduction and treatment of Hernia. Write, stating age, experience, and salary required, Z. E. 402, c/o Deacons, Leadenhall Street, E.C.

SALES Manager wanted for high-class Proprietary Food; sold only through Chemists; must have had trade experience; excellent opportunity for the right man. Apply 44/407, Office of this Paper.

TECHNICAL ASSISTANT—A firm of Manufacturing Chemists have a vacancy for a Technical Assistant; applicants should have preferably Pharmaceutical and Chemical training and qualifications, and experience in manufacturing, administrative work; age about 30; the position offers good prospects for the right man. Apply, giving full particulars, etc., 44/409, Office of this Paper.

TO TRAVELLERS—Gentlemen calling on Doctors and Hospitals wanted to introduce first-class Medical Preparation, already well established in other countries. Write Box 274, Horncastle, 5 Moorgate Buildings, E.C.2.

TOILET and General Counter Lines—Foreman wanted, used to control of staff and output; best class work. Apply, 201/9, Office of this Paper.

TRAVELLER required by established firm, call on Chemists, Hairdressers, and Fancy Stores with Brushes, Combs, Toilet Requisites, etc., Northern Counties, Yorks., Lancs., Midlands; full particulars experience, connection, if can drive car, salary (inclusive of commission), age, references, in confidence, 201/35, Office of this Paper.

TRAVELLERS, with good connection, wanted to push well-advertised new line on commission basis. Particulars to "C.", 45 Craven House, Kingsway, W.C.

[COLONIAL, INDIAN AND FOREIGN.]

INDIA, CEYLON AND BURMA—Export Druggists, whose name and trade-mark are well known in the East, require share in services of established Travelling Representative visiting ports, towns and bazaars; good opportunity for a man possessing knowledge of the Drug Trade and familiar with the native and European buyers; remuneration by fixed contribution to expenses and commission, with a guaranteed minimum commission. Write, with fullest particulars, to 43/399, Office of this Paper.

MALAYA—Qualified, single, young Pharmacist for British firm; 4 years' agreement; passage paid; total abstainer; salary: first 300, second and third 325, fourth year 350 dollars month; splendid opening for steady, energetic, capable man. Apply, 190/18, Office of this Paper.

OVERSEAS TRAVELLER REQUIRED—Soap and Perfumery Manufacturers of repute require a first-class Traveller, with an established connection in the Near and Far East, for the sale of their Specialities; applicants are requested to give (in confidence) full particulars of previous experience and houses represented; good knowledge of the Soap and Perfumery trade indispensable. 44/402, Office of this Paper.

SPAIN—Wanted, by important firm of Manufacturing Chemists, as travelling representative in Spain, young Pharmacist with competent knowledge of Spanish language. Apply 44/405, Office of this Paper.

AN old-established firm in the Far East have vacancy in their Wholesale Department for Unqualified Assistant; age 25 to 30; at least five years' experience essential; must be used to keeping stock-books and have thorough knowledge of handling drugs and chemicals, druggists' sundries and patents; four years' agreement; passage paid out and home. Apply "Warehouse," 199/5, Office of this Paper.

FOR PARIS—A qualified Assistant wanted, good Salesman and Prescriber. Send particulars, with photo (will be returned), to M. Delanarde, 70 B/d. Montparnasse, Paris.

PILL Maker—Good, all-round, first-class man wanted for a healthy British colony; excellent prospects; three years' agreement; passage paid out. Apply by letter only to "C. M. N.," 33 Alexandra Crescent, Bromley Hill, Kent.

SITUATIONS WANTED.

RETAIL.

[HOME.]

A.A.A.—MANAGER; qualified Chemist; experienced, London and provinces; progressive; good business man; single; good address; all-round knowledge; first-class Medicine and Store experience; excellent references. Write "Reliable," 203/1, Office of this Paper.

A CAPABLE and reliable Assistant; experienced Dispensing, Counter, Windows, Photography, and Optics; permanency; good references. Hilsley, Startforth, Barnard Castle.

AN unqualified, good experience, Photography, Window-dressing, etc., excellent references, desires post shortly, near London preferred. 201/39, Office of this Paper.

AS Manager; temporary or permanent; Qualified; elderly; highest testimonials for energy and ability; disengaged. Agar, 22 Ellison Road, Barnes, S.W.

ASSISTANT, Unqualified; 32, single; Dispensing and Counter; disengaged shortly; country preferred. Ostle, St. Kilda, Long Street, Sherborne, Dorset.

ASSISTANT, 34, unqualified, desires change; Counter, Stock, Dispensing, Prescribing; London, East, or Essex preferred; permanency. "Thymol," 31 Groveway, Chadwell Heath, Essex.

ASSISTANT, age 23, unqualified, seeks position; North London preferred; terms moderate. Mr. L. Scott, 59 Woodstock Road, Finsbury Park.

ASSISTANT (lady, 24); 7 years' all-round experience, London and provincial. "Cappiene," c/o Mrs. Bugge, 10 Warner Road, Bromley.

ASSISTANT; brisk Counter trade; light Dispensing, Windows, Stock; 45s., provinces; satisfactory references; excellent general experience. "Lancs.," 202/30, Office of this Paper.

BURTON MIDDLETON—M.P.S., Pharmacists' Locum; town or country; dates still open: May, a fortnight; all June and August; Sept., a fortnight. Address, 20 Merton Avenue, Chiswick, W.4.

CHEMIST recommends lady assistant (Hall); good Saleswoman and Counter Hand; accurate and conscientious; good personality. Apply, first, Taylor, 95 Lower Moss Lane, Hulme, Manchester.

DISENGAGED—Permanent or Locum; good all-round experience and references; moderate terms; qualified. "Pharmacist," 41 Upper North Street, Brighton.

DISPENSER (lady), Hall certificate, experienced, Book-keeping, Surgical Dressings, etc., desires post. A. M. Walkden, 65 Alexandra Road, Reading.

DISPENSER (male), Army qualification, requires re-engagement with Doctor or Institution; 35 years' Civil and Military experience. Driver, 9 Leigham Court Drive, Leigh-on-Sea.

EVENING, afternoon, or part-time Dispensing or Book-keeping; Hall Certificate; experienced Hospital and Doctors. "D. E. F.," 65 Mayfair Avenue, Ilford.

EVENINGS or part-time; 35; wide experience; competent; good address; every department. R. H. Myer, 27 Lansdowne Gardens, S.W.8.

EXPERIENCE Home and Abroad; part-time, permanent, or locum; single; moderate terms. Mr. Naylor, Ph.C., 3 Stourcliffe Street, Edgware Road, W.1.

EXPERIENCED man, good references, accurate Dispenser, smart Salesman, disengaged May 4, unqualified, seeks season engagement or Locum work for branches; thoroughly trained by apprenticeship; would live in if necessary. 194/16, Office of this Paper.

EXPERIENCED Assistant; Dispensing, Counter, Stock, Prescribing, Photography and Window-dressing; permanency preferred; reliable. "Associate," 16 Brixton Road, S.W.9.

FREE May 12; permanency or holiday relief; experienced male Pharmacist; moderate salary. "Chemist," 68 Grosvenor Road, Hanwell, W.7.

FREE Tuesdays, Wednesdays, Thursdays and Saturdays. Student, 10 years' sound experience, and good references. "W.," 65 Mattock Lane, Ealing, W.13.

HOLIDAYS.—Reliable Locum; qualified; elderly; well recommended; terms moderate; arranging dates. Joseph Allen, 17 Prince's Road, Wimbledon, S.W.

IMMEDIATELY.—Thoroughly capable worker as Locum or permanent; highest recommendation; unqualified. "A. B.," 131 Mount View Road, N.4.

JUNIOR (21), Part I Minor, requires part-time in West End or a good-class business; well up in dispensing and photography; speaks French fluently. Mattar, 41 Finborough Road, Fulham.

JUNIOR, 22, seeks experience; 3 years' apprenticeship; Dispensing and Photographic knowledge; Yorks. preferred. Wishart, 4 Trafalgar Street, York.

LADY Assistant requires post with Chemist; 8 years' experience; good references. Keys, 32 Compton Terrace, Highbury.

LADY Dispenser (Hall) requires post; Doctor, Hospital, or Institution; two years' experience; permanent or locum; South of England preferred. Allanson, Sea View, 10 Marine Parade, Hastings, Sussex.

LADY Dispenser-Book-keeper (Hall) wishes post; Doctor or Hospital; long experience, excellent testimonials; locum, part-time, or permanency. 199/6, Office of this Paper.

LADY Dispenser, experienced, seeks post, Doctor or Chemist; Locum or permanent; Book-keeping, etc. 38 Sinclair Road, W.14.

LADY Assistant, unqualified, requires post with Chemist; 7½ years' experience counter and dispensing locum or permanency. Address, Williams, 93 Severn Road, Weston-super-Mare.

LADY Assistant, Hall Certificate, desires post; 6 years' counter experience and 7 months' London dispensing; good references; Birmingham Stafford, or within easy distance of Shropshire preferred. 201/10, Office of this Paper.

LIGHT Manageship. Dispenser or Cover; qualified; 50; full or part-time. "Chemist," 23 Wellclose Mount, Blackman Lane, Leeds.

LIVERPOOL.—Unqualified; part-time or casual employ; 48; part board, small remuneration; references. Calan, 40 Great George Street, Liverpool.

LOCUM, experienced; take entire charge; booking dates; highest references; abstainer; terms moderate. Locum, 5 West View Road, Barrow-in-Furness.

LOCUM posts required by Qualified Dispenser; Doctors or Institutions; booked in advance. Please write, stating terms, Fairfax, 8 Princeton Mansions, Red Lion Square, W.C.1.

LOCUM, qualified, 46, is open to accept good-class engagements. "F. W. E.," c/o Mr. Sumner, 327 Brighton Road, South Croydon.

LOCUM or permanency; qualified; best experience; speaking French; disengaged; London or country. "Pharmacist," 15 Hestercombe Avenue, Fulham.

LOCUM, 26; qualified; free May 22 to 31. Wilson, c/o Aubrey, 25 The Cross, Worcester.

LOCUM.—All dates open for season; age 45; unqualified; Manager or otherwise; disengaged. "Borax," 345 Woolwich Road, Charlton, S.E.7.

LOCUM Tenens; qualified; abstainer; all-round experience; Photography, Optics, etc.; disengaged May 5; recent references. "E.," 3 Theberton Street, Islington, N.

LONDON DISTRICT.—Holiday Locum posts wanted, Whitsun onwards; Pharmacist, who has sold Yorkshire business; single; 30; tall; abstainer; arranged digs with own people. "Chemist," 43 Durham Road, Sheffield.

M.P.S. (32), London and Provincial experience, desires post; testimonials and references. "Qualified," 3 Watling Street, Canterbury.

M.P.S..—MANAGER, at present employed in good-class Pharmacy, desires position in Birmingham; aged 32, married, tall, and of good address; excellent references and experience; capable organising branch. 197/3, Office of this Paper.

MAJOR Pharmacist (lady) desires post; Square trained; first-class Dispensing and Counter experience. State salary in first letter. 154/29, Office of this Paper.

MANAGER, pre-war qualification and excellent experience, desires change, town, country, or seaside; good Prescriber and well up in Photography. Full particulars from "Aspirin," 202/33, Office of this Paper.

M.R. J. C. JOHNSON, M.P.S., is prepared to book advance Locum engagements. Will Pharmacists likely to require services please communicate to 13 Hillaries Road, Erdington, Birmingham?

PHARMACIST, long experience, reliable, abstainer, desires Managership, country business, showing good prospects in return for push and enterprise, or where owner seeks relief and gradual retirement; near South Coast preferred; trial willingly. 202/26, Office of this Paper.

QUALIFIED.—Assistant (35) requires permanency; 13 years' Dispensing and Counter experience; disengaged May 26. 198/38, Office of this Paper.

QUALIFIED, energetic, long, varied experience, well connected, educated, as Locum or supervise; splendid reference; photograph or interview; 30s. indoors, 60s. out; country preferred. 50 Peveril Street, Nottingham.

QUALIFIED, 24, tall, good education, seeks post in Midlands; Private and N.H.I. Dispensing, Window-dressing, Photography. 197/1, Office of this Paper.

QUALIFIED; elderly; Hospital or Institution; 11 years' Hospital experience. "Chelsea," 22 Bramerton Street, Chelsea, S.W.3.

QUALIFIED Manager; tall; good appearance; long experience as Manager; capable of producing results; good Salesman, expert Window-dresser; excellent references. 201/17, Office of this Paper.

QUALIFIED Chemist, 46, highly recommended, having had 22 years' control, desires responsible position as Manager where there is scope for energy and hard work. Particulars and salary offered to Elliott, 145 Oxford Street, W.1.

QUALIFIED Manager seeks permanency; tall, smart, and energetic; excellent references; with house; partnership or eventual succession entertained. 201/5, Office of this Paper.

UNQUALIFIED; 26 years' all-round experience (London and country); active, honest; good references. "Chemicus," 33 Connaught Road, Harlesden, N.W.10.

WHOLESALE.

A YOUNG Lady, experienced in Chemical Trade and General Merchants' Office, desires re-engagement; highest references. J. H., Box 232, Rex Advertising Agency, 8 Mason's Avenue, E.C.2.

ASSISTANT Chemist, 23; 3 years' technical training, London University; B.Sc. (Chemistry); willing to take any post in keeping with qualifications. M.L. 5673/23, Office of this Paper.

CHEMISTS' Traveller, 26; 18 months' travelling experience Wholesale Chemists' and Druggists' Sundries; connection London, Manchester, and Liverpool; willing to take any post. M.L. 7845/21, Office of this Paper.

DEVON AND CORNWALL.—Traveller, qualified Chemist, experienced Salesman, with old-standing connection, mainly with Chemists, wishes to represent two or three houses upon commission and part expenses, or one house upon salary, commission and expenses; excellent record and references. 201/24, Office of this Paper.

EX-OFFICER, A.I.C., 43; married; educated Public School; good knowledge French; one year's experience Assistant to Analytical Chemist, eight years Manufacturing Chemist; willing to take any post. M.L. 5977/22, Office of this Paper.

EX-OFFICER, 30, single, educated Public School, 3 years University, Intermediate Physics and Chemistry, some knowledge French, 4 years' Laboratory experience, good knowledge Electrical Engineering, desires post, preferably in Chemical Works or Oil Refinery. M.L. 34284, Office of this Paper.

EXPERT Perfumer; 30 years' experience with Soap Makers and West-End Perfumers; capable of producing every Toilet Speciality from own formulae; will only accept position giving ample scope; first-class references. Apply P.C.B. 63/27, Office of this Paper.

GENTLEMAN, 28, married, excellent address, 10 years' experience, Salesman, Wholesale and Retail, seeks position as Representative, or any progressive post, London or district, immediately; highest references. 202/35, Office of this Paper.

LADY Clerk, age 25, seeks post; 8 years' experience leading Sundry House; good references; moderate salary. "M. C.," 9 Grasmere Road, Muswell Hill, N.10.

MAJOR Chemist, 25, desires position with Manufacturing Wholesale House in Analytical Laboratory or Works; good references. J. T. Marriott, 9 Woburn Street, Amptill, Beds.

MAN, 38, disengaged, 12 years' Wholesale experience, seeks position, Counter, Warehouse, or Despatch. P.C.B. 64/20, Office of this Paper.

OIL Chemist, 28, single, M.C., B.Sc. (Hons. Chemistry), A.R.C.Sc., A.I.C.; good technical French; experienced Laboratory Chemist, Oilfields; 12 months' experience Research work, Oil Technology Department; willing to take any post, in keeping with qualifications. M.L. 44162, Office of this Paper.

REPRESENTATIVE, having exceptionally strong personal connection with Chemists over a large area, is prepared to accept one other good Proprietary line on a part commission basis. Apply 202/7, Office of this Paper.

Pharmaceutical Society of Great Britain Council Election, 1924

Members have written from all parts of Great Britain supporting F. A. LAWMAN, because they are confident he will co-operate with other workers for the progress of pharmacy and get things done. His policy is not a string of platitudes—it is definite, helpful and constructive. New men with new ideas need every possible vote and your vote is needed for

F. A. LAWMAN

The "Script," April, 1924.—"He has shown keen interest in the Society of a very practical kind, which is a foretaste of his work." . . . "Whatever name we cross out his will remain and to others we say go and do likewise."

PAPER Chemist, 24; 3 years' war service, M.C.; B.Sc. Honours, Chemistry A.R.C.S., (Chemistry) A.I.C.; some knowledge French; 12 months' experience manufacture and application of Industrial and Laboratory Filter Paper; any post. M.L. 70954, Office of this Paper.

QUALIFIED (young) desires permanent post in Analytical or Manufacturing side of Wholesale House; had experience in Drug Analysis. Apply 202/38, Office of this Paper.

REPRESENTATIVE; part expenses, commission; 20 years' experience, Retail and Travellers; good appearance and address. "Chemicus," 162 Lloyd Street, Greenheys, Manchester.

REPRESENTATIVE, well educated, good appearance, with wholesale experience, desires change. Write "A," 201/3, Office of this Paper.

RESearch or Plant Chemist, 24, B.Sc.; good knowledge French and German; had experience in Chemical Company. M.L. 26728, Office of this Paper.

RESearch Works or Analytical, 24, B.Sc.; 2 years' war service; Chemistry; good knowledge French and German; experienced at Laboratory assistant (bacteriological). M.L. 14500, Office of this Paper.

TOILET Maker and Charge Hand (36) desires situation; experienced maker of all toilet preparations; capable supervisor; knowledge of tablet making, granulating; highest references. Toilets (198/28), Office of This Paper.

YOUNG Lady, 23, shorthand 120, typewriting 35, Dictaphone, good knowledge of Chemicals and Drugs, seeks permanent position with prospects; hard-working and intelligent; salary 46s. week. 200/27, Office of this Paper.

YOUNG man, 24, seeks situation; 7 years in Chemical Stock-room, West-End Stores; 3 years in Toilet trade. "B. E. H.," 74 Finsbury Park Road, N.4.

MISCELLANEOUS.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.2.

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Included in my free quotation for any size private limited company are books, seal, share certificates, etc.; no extras; 185 Chemist companies formed already. A. Bd. Slack, 15 Christchurch Avenue, West Didsbury, Manchester.

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PHARMACEUTICAL Books wanted; send priced list. Gower, Bookseller, 41 Voltaire Road, Clapham.

LABORATORY GLASSWARE; best prices; Swedish also. "W. T. T.," 198/21, Office of this Paper.

COMPLETE FITTINGS AND FIXTURES wanted; suitable for good class shop. Kirkman, Chemist, near Milton, Hants.

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MIXING AND SIEVING MACHINES, suitable for baking and custard powders, etc.; power driven; capacity about one cwt. or more. Apply Raybould, Whitehouse & Co., Ltd., Reform Works, Dndley, Woros.



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